

BAB VI

KESIMPULAN DAN SARAN

6.1 Kesimpulan

Dari hasil penelitian ini dapat disimpulkan bahwa :

1. Lokasi *tower crane* yang sekarang berada di lapangan dapat dikatakan sudah baik karena selisih waktu total kerja *tower crane* tidak signifikan hanya memiliki selisih 105 menit dari keseluruhan waktu total kerja TC. Koordinat *tower crane* dimodifikasi menjadi (44,693 ; 28,1825).
2. Setelah lokasi *tower crane* dimodifikasi didapatkan selisih biaya operasional *tower crane* total sebesar Rp 459.925,- untuk satu kali angkatan pada setiap material.

6.2 Saran

Berdasarkan hasil penelitian tentang studi penempatan *tower crane* pada proyek *Jogja Apartment*, maka disarankan untuk penelitian selanjutnya :

1. Titik *supply* dapat dimodifikasi sehingga nantinya diharapkan dapat mempengaruhi penurunan total waktu kerja *tower crane*.
2. Pada penelitian berikutnya diharapkan untuk menentukan titik optimal *tower crane* dapat menggunakan proses iterasi algoritma genetik atau *software* lain agar data bisa lebih cepat diproses.

DAFTAR PUSTAKA

- Ahmad, Iqafdi Ardiansyah. 2012. *Analisis Produktivitas dan Biaya Operasional Tower Crane Pada Proyek Puncak Central Business District Surabaya*. Jurnal Teknik Universitas Negeri Surabaya. Surabaya.
- Chudley, R. 2004. *Construction Technology Volume 4*. Singapore: Longman Singapore Publishers (Pte) Ltd.
- Peurifoy, Robert L. 1996. *Construction Planning, Equipment and Method Fifth Edition*. New York: Mc Graw Hill.
- Rahman, Sofyan. 2012. *Optimasi Lokasi Untuk Tower Crane Pada Proyek Apartemen Guna Wangsa Surabaya*. Skripsi. Fakultas Teknik Sipil dan Perencanaan Institut Teknologi Sepuluh Nopember. Surabaya.
- Rostiyanti, Susy Fatena. 2002. *Alat Berat Untuk Proyek Konstruksi*. Jakarta: Rineka Cipta.
- Sebt, M.H, Karan, E.P, Delavar. M. R. 2008. *Potential Application of GIS To Layout of Construction Temporary Facilities*. International Journal of Civil Engineering, Vol. 6, No. 4.
- Septiawan, Ahmad Puguh dan Cahyono Bintang Nurcahyo. 2017. *Optimasi Penempatan Group Tower Crane Pada Proyek Pembangunan My Tower Surabaya*. Jurnal Teknik ITS. Surabaya.

Soeharto, Iman. 1995. *Manajemen Proyek Dari Konseptual Sampai Operasional*.

Jakarta: Erlangga.

Sunur, Robertus R. dan Adi Kurniawan. 2007. *Program Perhitungan Efektivitas*

Penggunaan Tower Crane Pada Bangunan Bertingkat. Skripsi.

Universitas Kristen Petra. Surabaya.

Tam dan Arthur W T Leung. 2008. *Genetic Algorithm Modeling Aided with 3D*

Visualization in Optimizing Construction Site Facility Layout.

International Department of Building & Construction and Division of Building Science and Technology, City University of Hongkong

Tam, C. M., Thomas K.L Tong., Wilson K.W. Chan. 2001. *Genetic Algorithm for*

Optimizing Supply Location Around Tower Crane. Journal of

Construction Engineering and Management. ASCE.

Winanda, Lila Ayu Ratna. 2010. *Evaluasi Penempatan Lokasi Group Tower Crane*

Terhadap Titik Layanan. Seminar Nasional Teknologi Ramah

Lingkungan dalam Pembangunan Berkelanjutan. FTSP-ITN Malang.

Yudha, Bima Anggaruci Bhirawa. 2015. *Evaluasi Penempatan Tower Crane Pada*

Proyek Pembangunan Jember Icon. Skripsi. Fakultas Teknik Universitas

Jember. Jember.



LAMPIRAN

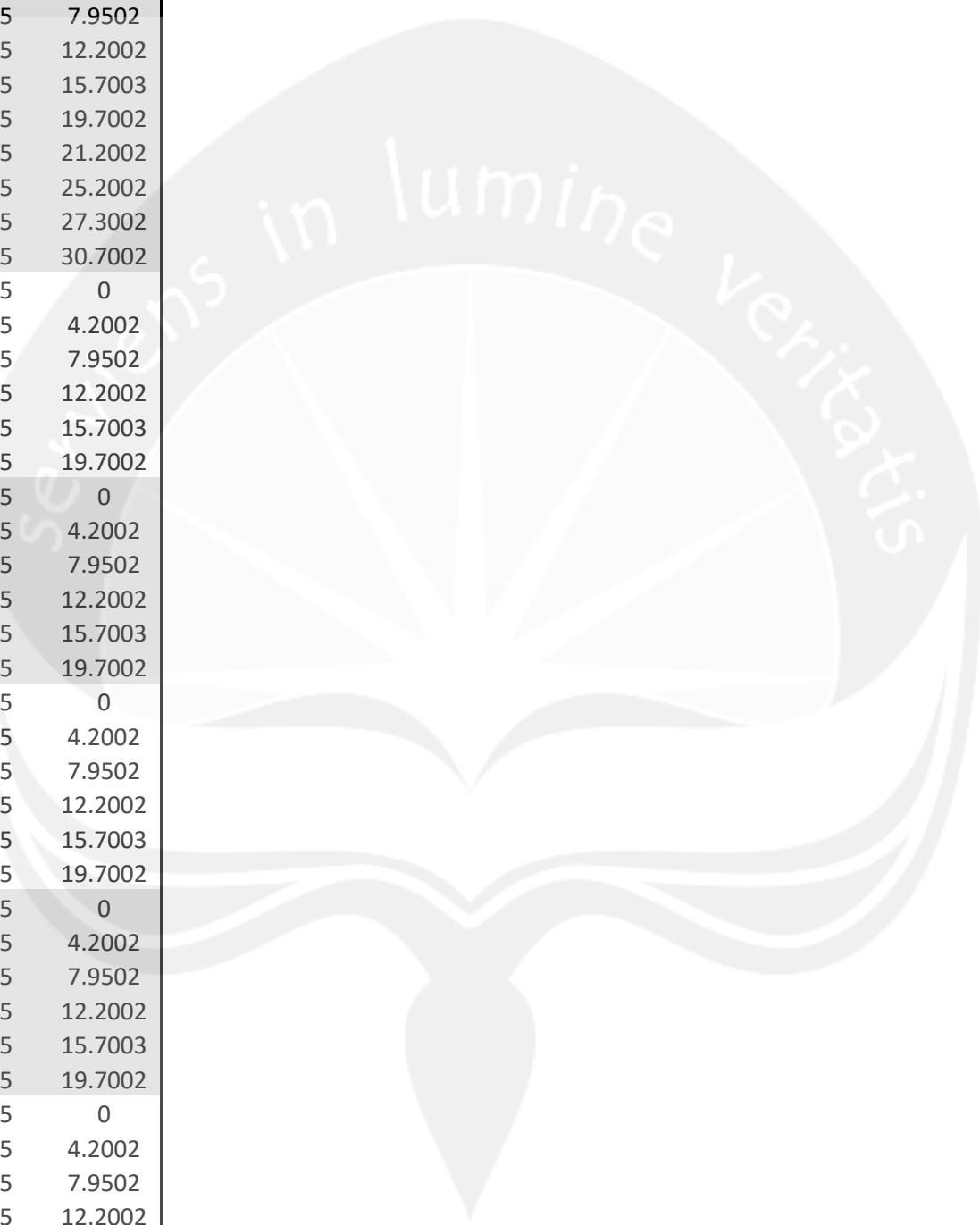


**KOORDINAT
DEMAND**

XDj	Ydj
0	0
0	4.2002
0	7.9502
0	12.2002
0	15.7003
0	19.7002
0	21.2002
0	25.2002
0	27.3002
0	30.7002
6.0127	0
6.0127	4.2002
6.0127	7.9502
6.0127	12.2002
6.0127	15.7003
6.0127	19.7002
6.0127	21.2002
6.0127	25.2002
6.0127	27.3002
6.0127	30.7002
12	0
12	4.2002
12	7.9502
12	12.2002
12	15.7003
12	19.7002
12	21.2002
12	25.2002
12	27.3002
12	30.7002
18	0
18	4.2002
18	7.9502
18	12.2002
18	15.7003
18	19.7002
18	21.2002
18	25.2002
18	27.3002
18	30.7002
24	0
24	4.2002
24	7.9502
24	12.2002
24	15.7003
24	19.7002



24	21.2002
24	25.2002
24	27.3002
24	30.7002
25.5	0
25.5	4.2002
25.5	7.9502
25.5	12.2002
25.5	15.7003
25.5	19.7002
25.5	21.2002
25.5	25.2002
25.5	27.3002
25.5	30.7002
30.5	0
30.5	4.2002
30.5	7.9502
30.5	12.2002
30.5	15.7003
30.5	19.7002
35.5	0
35.5	4.2002
35.5	7.9502
35.5	12.2002
35.5	15.7003
35.5	19.7002
40.5	0
40.5	4.2002
40.5	7.9502
40.5	12.2002
40.5	15.7003
40.5	19.7002
45.5	0
45.5	4.2002
45.5	7.9502
45.5	12.2002
45.5	15.7003
45.5	19.7002
50.5	0
50.5	4.2002
50.5	7.9502
50.5	12.2002
50.5	15.7003
50.5	19.7002
50.5	21.2002
50.5	25.2002
50.5	27.3002
50.5	30.7002



55.5	0
55.5	4.2002
55.5	7.9502
55.5	12.2002
55.5	15.7003
55.5	19.7002
55.5	21.2002
55.5	25.2002
55.5	27.3002
55.5	30.7002
60.5	0
60.5	4.2002
60.5	7.9502
60.5	12.2002
60.5	15.7003
60.5	19.7002
60.5	21.2002
60.5	25.2002
60.5	27.3002
60.5	30.7002
65.5	0
65.5	4.2002
65.5	7.9502
65.5	12.2002
65.5	15.7003
65.5	19.7002
65.5	21.2002
65.5	25.2002
65.5	27.3002
65.5	30.7002
70.5	0
70.5	4.2002
70.5	7.9502
70.5	12.2002
70.5	15.7003
70.5	19.7002
70.5	21.2002
70.5	25.2002
70.5	27.3002
70.5	30.7002
75.5	0
75.5	4.2002
75.5	7.9502
75.5	12.2002
75.5	15.7003
75.5	19.7002
75.5	21.2002
75.5	25.2002



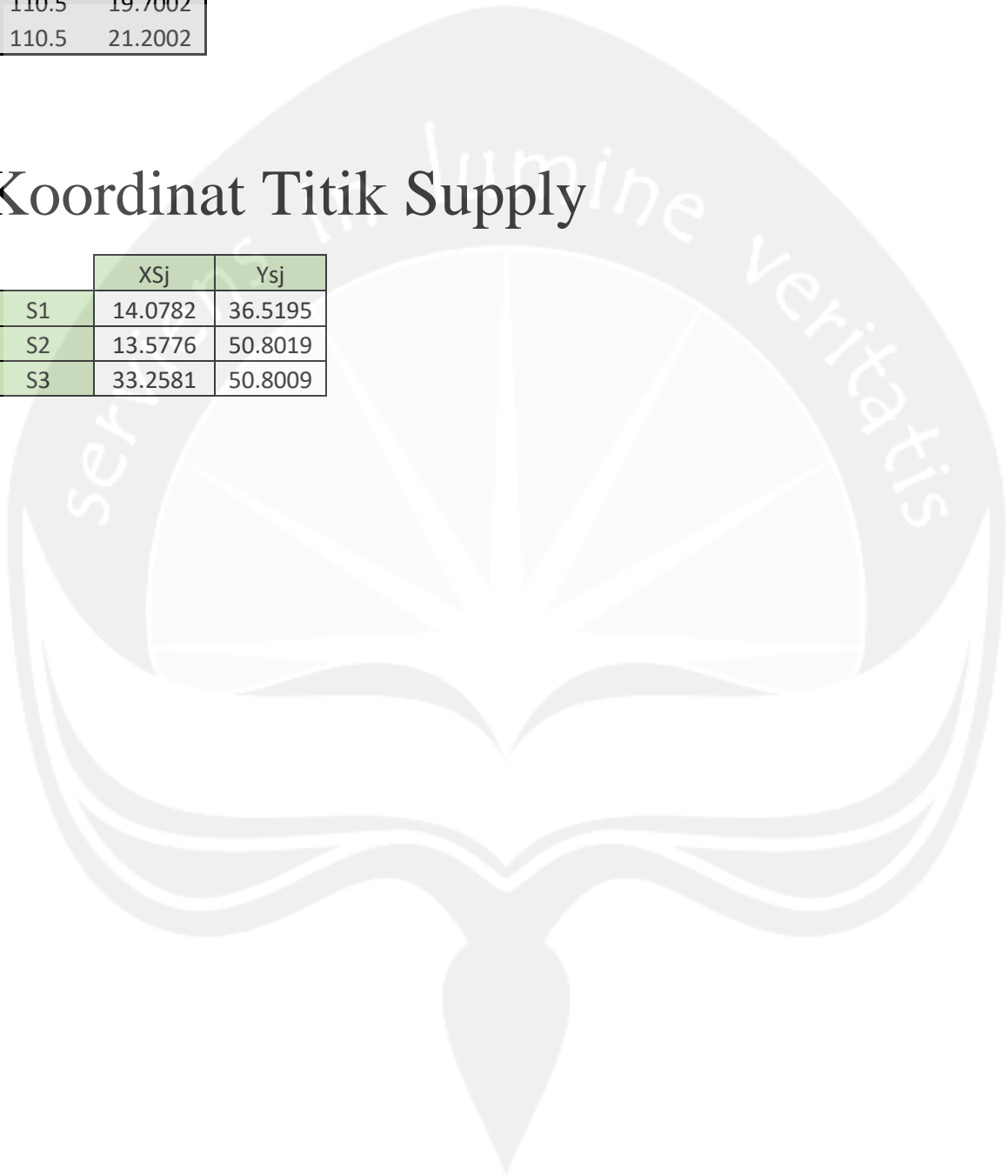
75.5	27.3002
75.5	30.7002
78.4985	0
78.4985	4.2002
78.4985	7.9502
78.4985	12.2002
78.4985	15.7003
78.4985	19.7002
78.4985	21.2002
78.4985	25.2002
78.4985	27.3002
78.4985	30.7002
80.5	7.9502
80.5	12.2002
80.5	15.7003
80.5	19.7002
80.5	21.2002
80.5	25.2002
80.5	27.3002
80.5	30.7002
85.5	7.9502
85.5	12.2002
85.5	15.7003
85.5	19.7002
85.5	21.2002
85.5	25.2002
85.5	27.3002
90.5	7.9502
90.5	12.2002
90.5	15.7003
90.5	19.7002
90.5	21.2002
90.5	25.2002
90.5	27.3002
95.5	7.9502
95.5	12.2002
95.5	15.7003
95.5	19.7002
95.5	21.2002
95.5	25.2002
95.5	27.3002
100.5	7.9502
100.5	12.2002
100.5	15.7003
100.5	19.7002
100.5	21.2002
105.5	7.9502
105.5	12.2002



105.5	15.7003
105.5	19.7002
105.5	21.2002
110.5	7.9502
110.5	12.2002
110.5	15.7003
110.5	19.7002
110.5	21.2002

Koordinat Titik Supply

	XSj	Ysj
S1	14.0782	36.5195
S2	13.5776	50.8019
S3	33.2581	50.8009



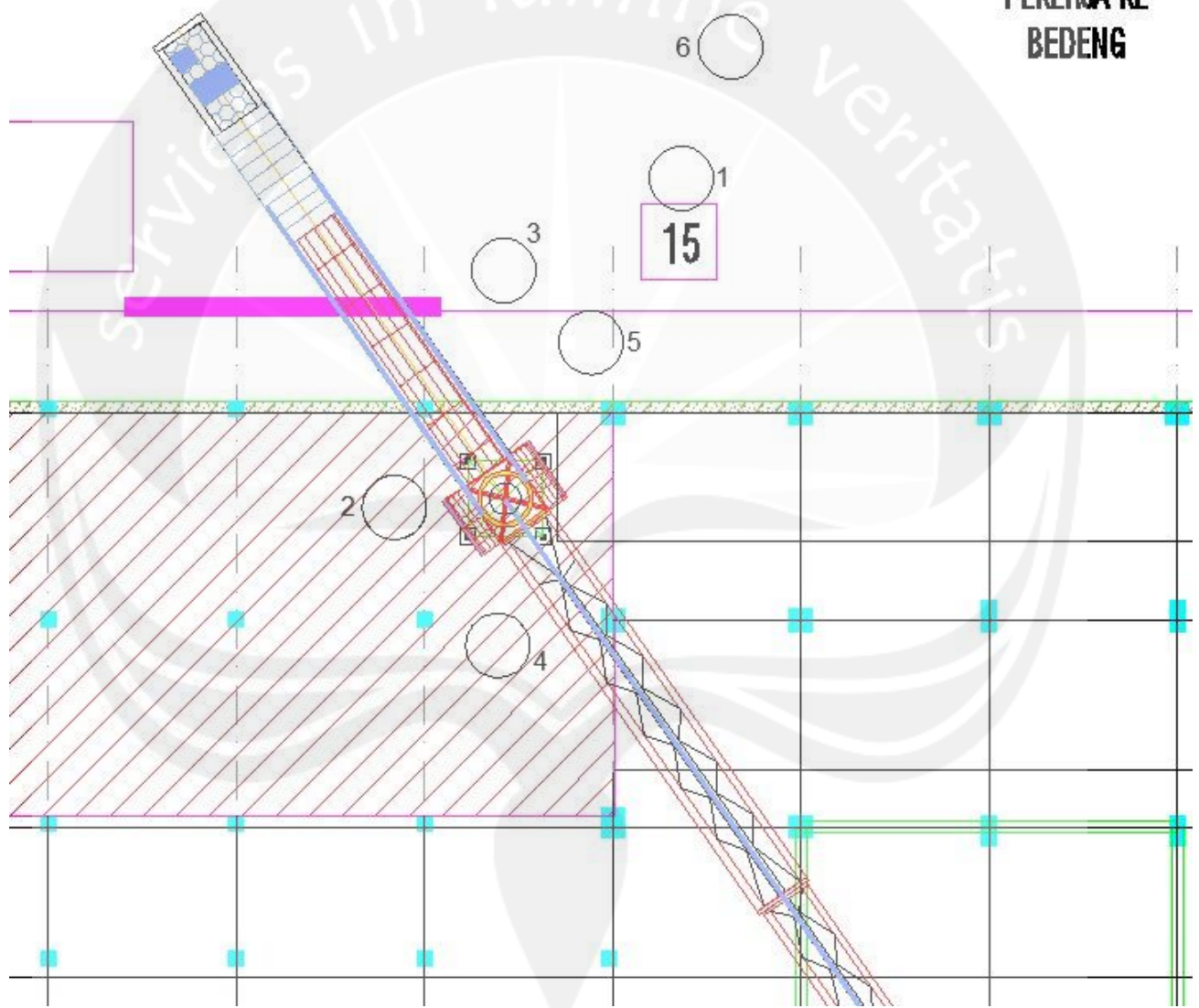


serviens in lumine veritatis

**TITIK
PENEMPATAN
TOWER CRANE**

6A

ACCESS
PEKERJA KE
BEDENG





**SPEKIFIKASI
TOWER CRANE**



产品说明书

Installation and Operation Instruction

徐州建机工程机械有限公司
Xuzhou Construction Machinery CO., Ltd



徐州建机工程机械有限公司

XCMG-Xuzhou Construction Machinery CO., LTD.



Installation and Operation Instructions of Tower Crane

XGT160C II (7017L-12)

10 Parameters of the crane
10.1 Technical parameters of the crane

Classification Group of Mechanisms		Hoisting mechanism			M5	
		Slewing mechanism			M4	
		Trolley Mechanism			M4	
Lifting Height (m)		Fall	Fixed	Travelling		Attached
		$\alpha=2$	60	61	55	201
		$\alpha=4$	60	61	55	201
Maximum Lifting Capacity (t)		12				
Radius (m)		Maximum radius (m)			70	
		Minimum radius (m)			4.4(2 fall)	3.6(4 fall)
Hoisting mechanism	Speed	Fall(α)	$\alpha=2$		$\alpha=4$	
		Lifting capacity (t)	6	3	12	6
	Motor type	YZRSWF280M-4/8-55/55kW				
Power						
Slewing mechanism		Rotary speed	Motor type		Stalling torque	
		0~0.68 r/min	YTLEJ132L-145-4B1 YTLEJ132L-145-4B2		2×145 N.m	
Hauling Mechanism		Speed	Motor type		Stalling torque	
		0~63 m/min	YTLEJ112L-120-4		120 N.m	
Travelling Mechanism		Speed	Motor type		Power	
		12.5-25 m/min	---		4×1.7/3.4kW	
Telescoping Mechanism		Speed	Motor type		Power	
		0.5 m/min	Y160M1-4		11kW	
Working pressure		38MPa				
Machine Noise		Less than 80dB in the cab			Less than 90dB for all transmission mechanisms	
Balance weight		Boom length	Weight (t)			
		70m	26.25			
		65m	24.25			
		60m	22.75			
		55m	20.1			
		50m	18.6			
		45m	16.6			
40m	13.8					
35m	12.45					
Total Power		75.5kW (excluding that of lifting and travelling mechanisms)				



1	S1	Z-Z	1	61	S1	Z-6	1	121	S1	F-13	1
2	S1	Z-A	1	62	S1	A-6	1	122	S1	G-13	1
3	S1	Z-B	1	63	S1	B-6	1	123	S1	H-13	1
4	S1	Z-C	1	64	S1	C-6	1	124	S1	I-13	1
5	S1	Z-D	1	65	S1	D-6	1	125	S1	Z-14	1
6	S1	Z-E	1	66	S1	E-6	1	126	S1	A-14	1
7	S1	Z-F	1	67	S1	Z-7	1	127	S1	B-14	1
8	S1	Z-G	1	68	S1	A-7	1	128	S1	C-14	1
9	S1	Z-H	1	69	S1	B-7	1	129	S1	D-14	1
10	S1	Z-I	1	70	S1	C-7	1	130	S1	E-14	1
11	S1	Z-1	1	71	S1	D-7	1	131	S1	F-14	1
12	S1	A-1	1	72	S1	E-7	1	132	S1	G-14	1
13	S1	B-1	1	73	S1	Z-8	1	133	S1	H-14	1
14	S1	C-1	1	74	S1	A-8	1	134	S1	I-14	1
15	S1	D-1	1	75	S1	B-8	1	135	S1	Z-15	1
16	S1	E-1	1	76	S1	C-8	1	136	S1	A-15	1
17	S1	F-1	1	77	S1	D-8	1	137	S1	B-15	1
18	S1	G-1	1	78	S1	E-8	1	138	S1	C-15	1
19	S1	H-1	1	79	S1	Z-9	1	139	S1	D-15	1
20	S1	I-1	1	80	S1	A-9	1	140	S1	E-15	1
21	S1	Z-2	1	81	S1	B-9	1	141	S1	F-15	1
22	S1	A-2	1	82	S1	C-9	1	142	S1	G-15	1
23	S1	B-2	1	83	S1	D-9	1	143	S1	H-15	1
24	S1	C-2	1	84	S1	E-9	1	144	S1	I-15	1
25	S1	D-2	1	85	S1	Z-10	1	145	S1	Z-16	1
26	S1	E-2	1	86	S1	A-10	1	146	S1	A-16	1
27	S1	F-2	1	87	S1	B-10	1	147	S1	B-16	1
28	S1	G-2	1	88	S1	C-10	1	148	S1	C-16	1
29	S1	H-2	1	89	S1	D-10	1	149	S1	D-16	1
30	S2	I-2	1	90	S2	E-10	1	150	S2	E-16	2
31	S3	Z-3	1	91	S3	F-10	1	151	S3	F-16	3
32	S1	A-3	1	92	S1	G-10	1	152	S1	G-16	1
33	S1	B-3	1	93	S1	H-10	1	153	S1	H-16	1
34	S1	C-3	1	94	S1	I-10	1	154	S1	I-16	1
35	S1	D-3	1	95	S1	Z-11	1	155	S1	B-17	1
36	S1	E-3	1	96	S1	A-11	1	156	S1	C-17	1
37	S1	F-3	1	97	S1	B-11	1	157	S1	D-17	1
38	S1	G-3	1	98	S1	C-11	1	158	S1	E-17	1
39	S1	H-3	1	99	S1	D-11	1	159	S1	F-17	1
40	S1	I-3	1	100	S1	E-11	1	160	S1	G-17	1
41	S1	Z-4	1	101	S1	F-11	1	161	S1	H-17	1
42	S1	A-4	1	102	S1	G-11	1	162	S1	I-17	1
43	S1	B-4	1	103	S1	H-11	1	163	S1	B-18	1
44	S1	C-4	1	104	S1	I-11	1	164	S1	C-18	1
45	S1	D-4	1	105	S1	Z-12	1	165	S1	D-18	1
46	S1	E-4	1	106	S1	A-12	1	166	S1	E-18	1

47	S1	F-4	1	107	S1	B-12	1	167	S1	F-18	1
48	S1	G-4	1	108	S1	C-12	1	168	S1	G-18	1
49	S1	H-4	1	109	S1	D-12	1	169	S1	H-18	1
50	S1	I-4	1	110	S1	E-12	1	170	S1	B-19	1
51	S1	Z-5	1	111	S1	F-12	1	171	S1	C-19	1
52	S1	A-5	1	112	S1	G-12	1	172	S1	D-19	1
53	S1	B-5	1	113	S1	H-12	1	173	S1	E-19	1
54	S1	C-5	1	114	S1	I-12	1	174	S1	F-19	1
55	S1	D-5	1	115	S1	Z-13	1	175	S1	G-19	1
56	S1	E-5	1	116	S1	A-13	1	176	S1	H-19	1
57	S1	F-5	1	117	S1	B-13	1	177	S1	B-20	1
58	S1	G-5	1	118	S1	C-13	1	178	S1	B-20	1
59	S1	H-5	1	119	S1	D-13	1	179	S1	D-20	1
60	S1	I-5	1	120	S1	E-13	1	180	S1	E-20	1

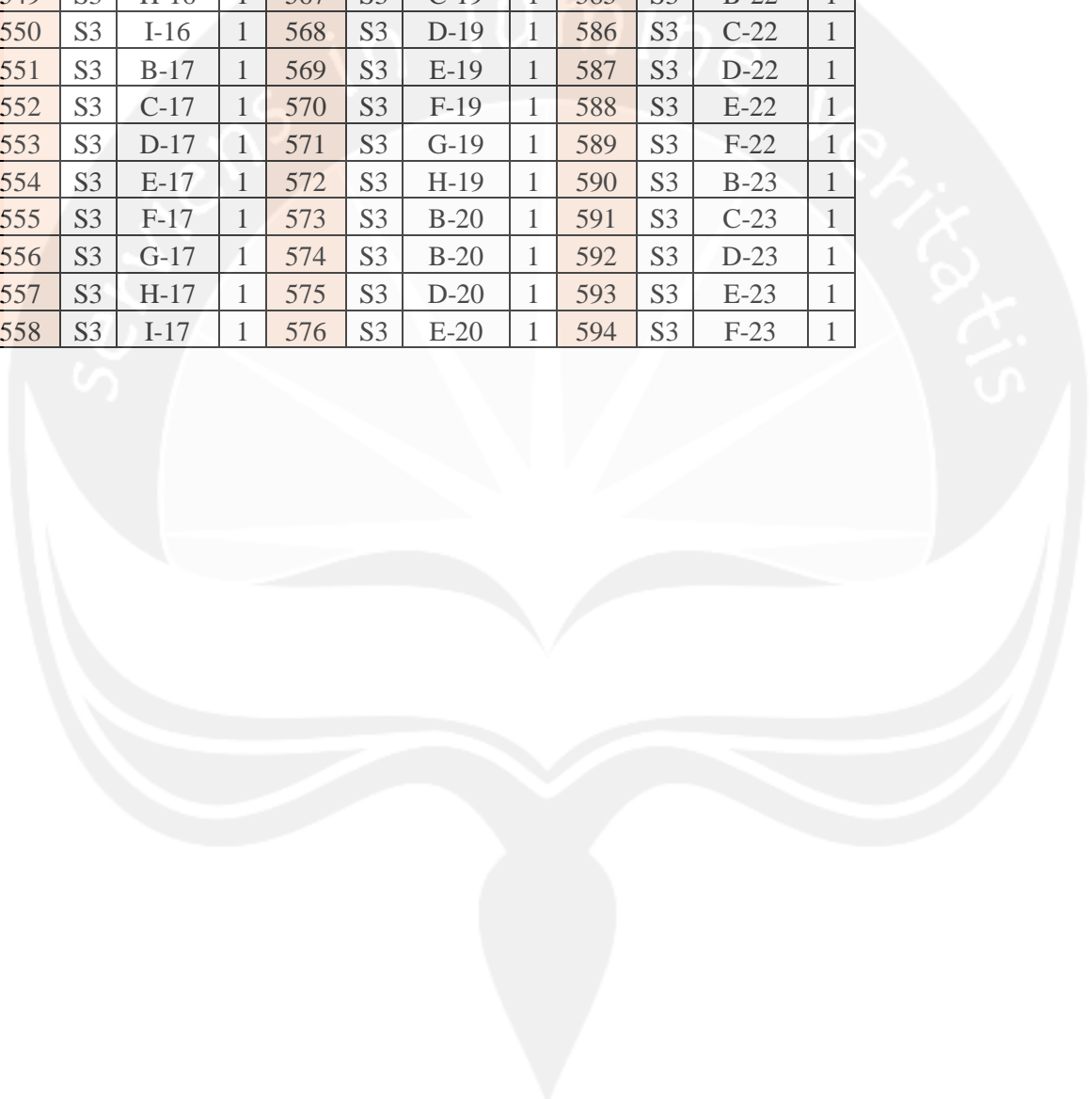
Task	S	D	Q	Task	S	D	Q	Task	S	D	Q
181	S1	F-20	1	241	S2	B-4	1	301	S2	H-11	1
182	S1	G-20	1	242	S2	C-4	1	302	S2	I-11	1
183	S1	H-20	1	243	S2	D-4	1	303	S2	Z-12	1
184	S1	B-21	1	244	S2	E-4	1	304	S2	A-12	1
185	S1	C-21	1	245	S2	F-4	1	305	S2	B-12	1
186	S1	D-21	1	246	S2	G-4	1	306	S2	C-12	1
187	S1	E-21	1	247	S2	H-4	1	307	S2	D-12	1
188	S1	F-21	1	248	S2	I-4	1	308	S2	E-12	1
189	S1	B-22	1	249	S2	Z-5	1	309	S2	F-12	1
190	S1	C-22	1	250	S2	A-5	1	310	S2	G-12	1
191	S1	D-22	1	251	S2	B-5	1	311	S2	H-12	1
192	S1	E-22	1	252	S2	C-5	1	312	S2	I-12	1
193	S1	F-22	1	253	S2	D-5	1	313	S2	Z-13	1
194	S1	B-23	1	254	S2	E-5	1	314	S2	A-13	1
195	S1	C-23	1	255	S2	F-5	1	315	S2	B-13	1
196	S1	D-23	1	256	S2	G-5	1	316	S2	C-13	1
197	S1	E-23	1	257	S2	H-5	1	317	S2	D-13	1
198	S1	F-23	1	258	S2	I-5	1	318	S2	E-13	1
199	S2	Z-Z	1	259	S2	Z-6	1	319	S2	F-13	1
200	S2	Z-A	1	260	S2	A-6	1	320	S2	G-13	1
201	S2	Z-B	1	261	S2	B-6	1	321	S2	H-13	1
202	S2	Z-C	1	262	S2	C-6	1	322	S2	I-13	1
203	S2	Z-D	1	263	S2	D-6	1	323	S2	Z-14	1
204	S2	Z-E	1	264	S2	E-6	1	324	S2	A-14	1
205	S2	Z-F	1	265	S2	Z-7	1	325	S2	B-14	1
206	S2	Z-G	1	266	S2	A-7	1	326	S2	C-14	1
207	S2	Z-H	1	267	S2	B-7	1	327	S2	D-14	1
208	S2	Z-I	1	268	S2	C-7	1	328	S2	E-14	1
209	S2	Z-1	1	269	S2	D-7	1	329	S2	F-14	1
210	S2	A-1	1	270	S2	E-7	1	330	S2	G-14	2

211	S2	B-1	1	271	S2	Z-8	1	331	S2	H-14	3
212	S2	C-1	1	272	S2	A-8	1	332	S2	I-14	1
213	S2	D-1	1	273	S2	B-8	1	333	S2	Z-15	1
214	S2	E-1	1	274	S2	C-8	1	334	S2	A-15	1
215	S2	F-1	1	275	S2	D-8	1	335	S2	B-15	1
216	S2	G-1	1	276	S2	E-8	1	336	S2	C-15	1
217	S2	H-1	1	277	S2	Z-9	1	337	S2	D-15	1
218	S2	I-1	1	278	S2	A-9	1	338	S2	E-15	1
219	S2	Z-2	1	279	S2	B-9	1	339	S2	F-15	1
220	S2	A-2	1	280	S2	C-9	1	340	S2	G-15	1
221	S2	B-2	1	281	S2	D-9	1	341	S2	H-15	1
222	S2	C-2	1	282	S2	E-9	1	342	S2	I-15	1
223	S2	D-2	1	283	S2	Z-10	1	343	S2	Z-16	1
224	S2	E-2	1	284	S2	A-10	1	344	S2	A-16	1
225	S2	F-2	1	285	S2	B-10	1	345	S2	B-16	1
226	S2	G-2	1	286	S2	C-10	1	346	S2	C-16	1
227	S2	H-2	1	287	S2	D-10	1	347	S2	D-16	1
228	S2	I-2	1	288	S2	E-10	1	348	S2	E-16	1
229	S2	Z-3	1	289	S2	F-10	1	349	S2	F-16	1
230	S2	A-3	1	290	S2	G-10	1	350	S2	G-16	1
231	S2	B-3	1	291	S2	H-10	1	351	S2	H-16	1
232	S2	C-3	1	292	S2	I-10	1	352	S2	I-16	1
233	S2	D-3	1	293	S2	Z-11	1	353	S2	B-17	1
234	S2	E-3	1	294	S2	A-11	1	354	S2	C-17	1
235	S2	F-3	1	295	S2	B-11	1	355	S2	D-17	1
236	S2	G-3	1	296	S2	C-11	1	356	S2	E-17	1
237	S2	H-3	1	297	S2	D-11	1	357	S2	F-17	1
238	S2	I-3	1	298	S2	E-11	1	358	S2	G-17	1
239	S2	Z-4	1	299	S2	F-11	1	359	S2	H-17	1
240	S2	A-4	1	300	S2	G-11	1	360	S2	I-17	1

<i>Task</i>	S	D	Q	<i>Task</i>	S	D	Q	<i>Task</i>	S	D	Q
361	S2	B-18	1	421	S3	D-2	1	481	S3	Z-10	1
362	S2	C-18	1	422	S3	E-2	1	482	S3	A-10	1
363	S2	D-18	1	423	S3	F-2	1	483	S3	B-10	1
364	S2	E-18	1	424	S3	G-2	1	484	S3	C-10	1
365	S2	F-18	1	425	S3	H-2	1	485	S3	D-10	1
366	S2	G-18	1	426	S3	I-2	1	486	S3	E-10	1
367	S2	H-18	1	427	S3	Z-3	1	487	S3	F-10	1
368	S2	B-19	1	428	S3	A-3	1	488	S3	G-10	1
369	S2	C-19	1	429	S3	B-3	1	489	S3	H-10	1
370	S2	D-19	1	430	S3	C-3	1	490	S3	I-10	1
371	S2	E-19	1	431	S3	D-3	1	491	S3	Z-11	1
372	S2	F-19	1	432	S3	E-3	1	492	S3	A-11	1
373	S2	G-19	1	433	S3	F-3	1	493	S3	B-11	1
374	S2	H-19	1	434	S3	G-3	1	494	S3	C-11	1

375	S2	B-20	1	435	S3	H-3	1	495	S3	D-11	1
376	S2	B-20	1	436	S3	I-3	1	496	S3	E-11	1
377	S2	D-20	1	437	S3	Z-4	1	497	S3	F-11	1
378	S2	E-20	1	438	S3	A-4	1	498	S3	G-11	1
379	S2	F-20	1	439	S3	B-4	1	499	S3	H-11	1
380	S2	G-20	1	440	S3	C-4	1	500	S3	I-11	1
381	S2	H-20	1	441	S3	D-4	1	501	S3	Z-12	1
382	S2	B-21	1	442	S3	E-4	1	502	S3	A-12	1
383	S2	C-21	1	443	S3	F-4	1	503	S3	B-12	1
384	S2	D-21	1	444	S3	G-4	1	504	S3	C-12	1
385	S2	E-21	1	445	S3	H-4	1	505	S3	D-12	1
386	S2	F-21	1	446	S3	I-4	1	506	S3	E-12	1
387	S2	B-22	1	447	S3	Z-5	1	507	S3	F-12	1
388	S2	C-22	1	448	S3	A-5	1	508	S3	G-12	1
389	S2	D-22	1	449	S3	B-5	1	509	S3	H-12	1
390	S2	E-22	1	450	S3	C-5	1	510	S3	I-12	2
391	S2	F-22	1	451	S3	D-5	1	511	S3	Z-13	3
392	S2	B-23	1	452	S3	E-5	1	512	S3	A-13	1
393	S2	C-23	1	453	S3	F-5	1	513	S3	B-13	1
394	S2	D-23	1	454	S3	G-5	1	514	S3	C-13	1
395	S2	E-23	1	455	S3	H-5	1	515	S3	D-13	1
396	S2	F-23	1	456	S3	I-5	1	516	S3	E-13	1
397	S3	Z-Z	1	457	S3	Z-6	1	517	S3	F-13	1
398	S3	Z-A	1	458	S3	A-6	1	518	S3	G-13	1
399	S3	Z-B	1	459	S3	B-6	1	519	S3	H-13	1
400	S3	Z-C	1	460	S3	C-6	1	520	S3	I-13	1
401	S3	Z-D	1	461	S3	D-6	1	521	S3	Z-14	1
402	S3	Z-E	1	462	S3	E-6	1	522	S3	A-14	1
403	S3	Z-F	1	463	S3	Z-7	1	523	S3	B-14	1
404	S3	Z-G	1	464	S3	A-7	1	524	S3	C-14	1
405	S3	Z-H	1	465	S3	B-7	1	525	S3	D-14	1
406	S3	Z-I	1	466	S3	C-7	1	526	S3	E-14	1
407	S3	Z-1	1	467	S3	D-7	1	527	S3	F-14	1
408	S3	A-1	1	468	S3	E-7	1	528	S3	G-14	1
409	S3	B-1	1	469	S3	Z-8	1	529	S3	H-14	1
410	S3	C-1	1	470	S3	A-8	1	530	S3	I-14	1
411	S3	D-1	1	471	S3	B-8	1	531	S3	Z-15	1
412	S3	E-1	1	472	S3	C-8	1	532	S3	A-15	1
413	S3	F-1	1	473	S3	D-8	1	533	S3	B-15	1
414	S3	G-1	1	474	S3	E-8	1	534	S3	C-15	1
415	S3	H-1	1	475	S3	Z-9	1	535	S3	D-15	1
416	S3	I-1	1	476	S3	A-9	1	536	S3	E-15	1
417	S3	Z-2	1	477	S3	B-9	1	537	S3	F-15	1
418	S3	A-2	1	478	S3	C-9	1	538	S3	G-15	1
419	S3	B-2	1	479	S3	D-9	1	539	S3	H-15	1
420	S3	C-2	1	480	S3	E-9	1	540	S3	I-15	1

<i>Task</i>	S	D	Q	<i>Task</i>	S	D	Q	<i>Task</i>	S	D	Q
541	S3	Z-16	1	559	S3	B-18	1	577	S3	F-20	1
542	S3	A-16	1	560	S3	C-18	1	578	S3	G-20	1
543	S3	B-16	1	561	S3	D-18	1	579	S3	H-20	1
544	S3	C-16	1	562	S3	E-18	1	580	S3	B-21	1
545	S3	D-16	1	563	S3	F-18	1	581	S3	C-21	1
546	S3	E-16	1	564	S3	G-18	1	582	S3	D-21	1
547	S3	F-16	1	565	S3	H-18	1	583	S3	E-21	1
548	S3	G-16	1	566	S3	B-19	1	584	S3	F-21	1
549	S3	H-16	1	567	S3	C-19	1	585	S3	B-22	1
550	S3	I-16	1	568	S3	D-19	1	586	S3	C-22	1
551	S3	B-17	1	569	S3	E-19	1	587	S3	D-22	1
552	S3	C-17	1	570	S3	F-19	1	588	S3	E-22	1
553	S3	D-17	1	571	S3	G-19	1	589	S3	F-22	1
554	S3	E-17	1	572	S3	H-19	1	590	S3	B-23	1
555	S3	F-17	1	573	S3	B-20	1	591	S3	C-23	1
556	S3	G-17	1	574	S3	B-20	1	592	S3	D-23	1
557	S3	H-17	1	575	S3	D-20	1	593	S3	E-23	1
558	S3	I-17	1	576	S3	E-20	1	594	S3	F-23	1





PERHITUNGAN WAKTU DI TITIK LAPANGAN

Task	X	Y	$\rho(D)$	$\rho(S1)$	lj	Ta	T ω	Th	Total T
1	47.644	28.4092	55.47101	34.53172	39.13911	1.0470	3.944721	4.2065	13.41292

2	47.644	28.4092	53.4418	34.53172	35.25242	0.9455	4.057313	4.2937	13.58738
3	47.644	28.4092	51.85095	34.53172	31.84966	0.8660	4.164849	4.3813	13.76268
4	47.644	28.4092	50.32576	34.53172	28.10025	0.7897	4.294309	4.4917	13.98347
5	47.644	28.4092	49.30991	34.53172	25.13235	0.7389	4.406392	4.5911	14.18224
6	47.644	28.4092	48.43343	34.53172	21.93364	0.6951	4.539526	4.7133	14.42659
7	47.644	28.4092	48.18631	34.53172	20.80569	0.6827	4.59057	4.7613	14.52251
8	47.644	28.4092	47.75195	34.53172	18.06439	0.6610	4.728768	4.8940	14.78804
9	47.644	28.4092	47.65691	34.53172	16.82829	0.6563	4.802067	4.9661	14.93226
10	47.644	28.4092	47.69905	34.53172	15.23351	0.6584	4.920936	5.0855	15.17106
11	47.644	28.4092	50.40087	34.53172	37.39955	0.7935	3.842828	4.0412	13.08238
12	47.644	28.4092	48.1585	34.53172	33.3105	0.6813	3.963	4.1333	13.26667
13	47.644	28.4092	46.38681	34.53172	29.68598	0.5928	4.07957	4.2278	13.45552
14	47.644	28.4092	44.67546	34.53172	25.62188	0.5072	4.22204	4.3488	13.69767
15	47.644	28.4092	43.52794	34.53172	22.32692	0.4498	4.347043	4.4595	13.91899
16	47.644	28.4092	42.53248	34.53172	18.65318	0.4000	4.497155	4.5972	14.19433
17	47.644	28.4092	42.25086	34.53172	17.31281	0.3860	4.555083	4.6516	14.30315
18	47.644	28.4092	41.75479	34.53172	13.89888	0.3612	4.712639	4.8029	14.60585
19	47.644	28.4092	41.64607	34.53172	12.2494	0.3557	4.796467	4.8854	14.77079
20	47.644	28.4092	41.69429	34.53172	9.94568	0.3581	4.93248	5.0220	15.04402
21	47.644	28.4092	45.58045	34.53172	36.57858	0.5524	3.719313	3.8574	12.71484
22	47.644	28.4092	43.08794	34.53172	32.38605	0.4278	3.846485	3.9534	12.90688
23	47.644	28.4092	41.09824	34.53172	28.64479	0.3283	3.972407	4.0545	13.10898
24	47.644	28.4092	39.15644	34.53172	24.40793	0.2312	4.129531	4.1873	13.37468
25	47.644	28.4092	37.84192	34.53172	20.92267	0.1655	4.270023	4.3114	13.6228
26	47.644	28.4092	36.69253	34.53172	16.94721	0.1080	4.441458	4.4685	13.93694
27	47.644	28.4092	36.3657	34.53172	15.45962	0.0917	4.508258	4.5312	14.06237
28	47.644	28.4092	35.78816	34.53172	11.5085	0.0628	4.691209	4.7069	14.41383
29	47.644	28.4092	35.66125	34.53172	9.45063	0.0565	4.789016	4.8031	14.60627
30	47.644	28.4092	35.71755	34.53172	6.179253	0.0593	4.947832	4.9627	14.92531
31	47.644	28.4092	41.0591	34.53172	36.72948	0.3264	3.567303	3.6489	12.29779
32	47.644	28.4092	38.27326	34.53172	32.55638	0.1871	3.699495	3.7463	12.49253
33	47.644	28.4092	36.01857	34.53172	28.83722	0.0743	3.83404	3.8526	12.70525
34	47.644	28.4092	33.78607	34.53172	24.63349	0.0373	4.006897	4.0162	13.03244
35	47.644	28.4092	32.25342	34.53172	21.18536	0.1139	4.165829	4.1943	13.38862
36	47.644	28.4092	30.89682	34.53172	17.27048	0.1817	4.364611	4.4100	13.82009
37	47.644	28.4092	30.50797	34.53172	15.81333	0.2012	4.443263	4.4936	13.98712
38	47.644	28.4092	29.81718	34.53172	11.97944	0.2357	4.661136	4.7201	14.44013
39	47.644	28.4092	29.66474	34.53172	10.01878	0.2433	4.778533	4.8394	14.67874
40	47.644	28.4092	29.7324	34.53172	7.017462	0.2400	4.969405	5.0294	15.05879
41	47.644	28.4092	36.96108	34.53172	37.84331	0.1215	3.379707	3.4101	11.82015
42	47.644	28.4092	33.83954	34.53172	33.80798	0.0346	3.51218	3.5208	12.04167
43	47.644	28.4092	31.26675	34.53172	30.24313	0.1632	3.652011	3.6928	12.38565
44	47.644	28.4092	28.66654	34.53172	26.26539	0.2933	3.839258	3.9126	12.82515
45	47.644	28.4092	26.84315	34.53172	23.06255	0.3844	4.018848	4.1150	13.22991
46	47.644	28.4092	25.19693	34.53172	19.5277	0.4667	4.252658	4.3693	13.73869
47	47.644	28.4092	24.71858	34.53172	18.25166	0.4907	4.347615	4.4703	13.94056

48	47.644	28.4092	23.86077	34.53172	15.0522	0.5335	4.616026	4.7494	14.49883
49	47.644	28.4092	23.66999	34.53172	13.54391	0.5431	4.762738	4.8985	14.79702
50	47.644	28.4092	23.75473	34.53172	11.50245	0.5388	5.001845	5.1366	15.27311
51	47.644	28.4092	36.01999	34.53172	38.26397	0.0744	3.326351	3.3450	11.68991
52	47.644	28.4092	32.80903	34.53172	34.2782	0.0861	3.457658	3.4792	11.95838
53	47.644	28.4092	30.14842	34.53172	30.76788	0.2192	3.597742	3.6525	12.30507
54	47.644	28.4092	27.44246	34.53172	26.86793	0.3545	3.787739	3.8764	12.75271
55	47.644	28.4092	25.5318	34.53172	23.74651	0.4500	3.972483	4.0850	13.16996
56	47.644	28.4092	23.79503	34.53172	20.33092	0.5368	4.216341	4.3505	13.7011
57	47.644	28.4092	23.2879	34.53172	19.1086	0.5622	4.316304	4.4569	13.9137
58	47.644	28.4092	22.37531	34.53172	16.08055	0.6078	4.600999	4.7530	14.50591
59	47.644	28.4092	22.17175	34.53172	14.67832	0.6180	4.757455	4.9120	14.82391
60	47.644	28.4092	22.2622	34.53172	12.81881	0.6135	5.012675	5.1660	15.33209
61	47.644	28.4092	33.18131	34.53172	40.04185	0.0675	3.127802	3.1447	11.28936
62	47.644	28.4092	29.66467	34.53172	36.25207	0.2434	3.249837	3.3107	11.62135
63	47.644	28.4092	26.69246	34.53172	32.9527	0.3920	3.385307	3.4833	11.9666
64	47.644	28.4092	23.5934	34.53172	29.34457	0.5469	3.578568	3.7153	12.43059
65	47.644	28.4092	21.34087	34.53172	26.51631	0.6595	3.777668	3.9426	12.88511
66	47.644	28.4092	19.22923	34.53172	23.50669	0.7651	4.057488	4.2488	13.49754
67	47.644	28.4092	30.89594	34.53172	42.33872	0.1818	2.896125	2.9416	10.88314
68	47.644	28.4092	27.08417	34.53172	38.7741	0.3724	2.997781	3.0909	11.18175
69	47.644	28.4092	23.79175	34.53172	35.70852	0.5370	3.115667	3.2499	11.49983
70	47.644	28.4092	20.2536	34.53172	32.40867	0.7139	3.294523	3.4730	11.946
71	47.644	28.4092	17.57819	34.53172	29.87194	0.8477	3.493981	3.7059	12.4118
72	47.644	28.4092	14.94401	34.53172	27.23568	0.9794	3.803955	4.0488	13.0976
73	47.644	28.4092	29.29367	34.53172	45.07533	0.2619	2.63346	2.6989	10.39787
74	47.644	28.4092	25.24109	34.53172	41.74504	0.4645	2.701115	2.8172	10.6345
75	47.644	28.4092	21.67043	34.53172	38.91422	0.6431	2.782777	2.9435	10.88709
76	47.644	28.4092	17.71351	34.53172	35.91016	0.8409	2.914742	3.1250	11.24994
77	47.644	28.4092	14.57919	34.53172	33.63853	0.9976	3.076369	3.3258	11.65155
78	47.644	28.4092	11.26425	34.53172	31.32093	1.1634	3.367857	3.6587	12.3174
79	47.644	28.4092	28.48999	34.53172	48.17679	0.3021	2.348404	2.4239	9.847851
80	47.644	28.4092	24.30375	34.53172	45.07623	0.5114	2.37008	2.4979	9.99586
81	47.644	28.4092	20.57103	34.53172	42.46804	0.6980	2.396884	2.5714	10.14278
82	47.644	28.4092	16.35018	34.53172	39.73359	0.9091	2.442042	2.6693	10.33862
83	47.644	28.4092	12.88848	34.53172	37.69308	1.0822	2.501406	2.7719	10.54389
84	47.644	28.4092	8.969025	34.53172	35.64012	1.2781	2.625164	2.9447	10.8894
85	47.644	28.4092	28.5524	34.53172	51.57733	0.2990	2.05587	2.1306	9.261224
86	47.644	28.4092	24.37688	34.53172	48.69378	0.5077	2.027144	2.1541	9.30816
87	47.644	28.4092	20.65738	34.53172	46.28987	0.6937	1.991694	2.1651	9.330247
88	47.644	28.4092	16.45869	34.53172	43.7947	0.9037	1.93218	2.1581	9.316187
89	47.644	28.4092	13.02585	34.53172	41.95219	1.0753	1.854441	2.1233	9.246528
90	47.644	28.4092	9.165338	34.53172	40.11778	1.2683	1.694718	2.0118	9.023596
91	47.644	28.4092	7.754123	34.53172	39.51238	1.3389	1.594191	1.9289	8.857823
92	47.644	28.4092	4.29586	34.53172	38.14019	1.5118	1.010759	1.7645	8.528966
93	47.644	28.4092	3.063759	34.53172	37.57051	1.5734	0.222174	1.6289	8.257883

94	47.644	28.4092	3.661341	34.53172	36.88376	1.5435	1.521905	1.9240	8.847991
95	47.644	28.4092	29.4754	34.53172	55.22173	0.2528	1.773214	1.8364	8.672835
96	47.644	28.4092	25.45177	34.53172	52.53858	0.4540	1.699884	1.8134	8.626766
97	47.644	28.4092	21.91546	34.53172	50.31869	0.6308	1.611816	1.7695	8.539039
98	47.644	28.4092	18.01245	34.53172	48.03326	0.8260	1.470681	1.6772	8.354344
99	47.644	28.4092	14.94098	34.53172	46.35951	0.9795	1.300098	1.5450	8.089964
100	47.644	28.4092	11.72874	34.53172	44.70631	1.1401	0.999612	1.3901	7.780104
101	47.644	28.4092	10.66238	34.53172	44.16386	1.1935	0.842329	1.4040	7.808098
102	47.644	28.4092	8.486131	34.53172	42.94056	1.3023	0.251189	1.3651	7.730154
103	47.644	28.4092	7.93389	34.53172	42.43537	1.3299	0.161401	1.3702	7.740484
104	47.644	28.4092	8.18324	34.53172	41.82858	1.3174	0.868058	1.5344	8.068877
105	47.644	28.4092	31.18268	34.53172	59.06486	0.1675	1.514602	1.5565	8.112929
106	47.644	28.4092	27.41081	34.53172	56.56431	0.3560	1.409241	1.4983	7.996505
107	47.644	28.4092	24.16293	34.53172	54.50861	0.5184	1.287819	1.4174	7.834857
108	47.644	28.4092	20.68836	34.53172	52.40622	0.6922	1.105288	1.2783	7.55666
109	47.644	28.4092	18.07741	34.53172	50.87654	0.8227	0.904274	1.1100	7.219906
110	47.644	28.4092	15.52815	34.53172	49.37482	0.9502	0.597225	1.0995	7.19897
111	47.644	28.4092	14.73928	34.53172	48.88419	0.9896	0.456632	1.1038	7.20756
112	47.644	28.4092	13.25045	34.53172	47.7819	1.0641	0.012554	1.0672	7.134405
113	47.644	28.4092	12.90374	34.53172	47.32842	1.0814	0.251716	1.1443	7.288656
114	47.644	28.4092	13.05854	34.53172	46.78512	1.0737	0.689056	1.2459	7.491846
115	47.644	28.4092	33.55472	34.53172	63.0704	0.0489	1.287639	1.2999	7.599704
116	47.644	28.4092	30.08176	34.53172	60.73499	0.2225	1.163689	1.2193	7.438628
117	47.644	28.4092	27.15525	34.53172	58.82522	0.3688	1.026918	1.1191	7.238248
118	47.644	28.4092	24.11573	34.53172	56.8826	0.5208	0.833345	0.9635	6.92709
119	47.644	28.4092	21.91695	34.53172	55.47649	0.6307	0.635808	0.7935	6.586984
120	47.644	28.4092	19.86664	34.53172	54.10259	0.7333	0.36118	0.8235	6.647098
121	47.644	28.4092	19.25633	34.53172	53.65522	0.7638	0.244396	0.8249	6.649737
122	47.644	28.4092	18.14206	34.53172	52.6529	0.8195	0.098771	0.8442	6.688352
123	47.644	28.4092	17.89041	34.53172	52.24172	0.8321	0.291753	0.9050	6.810008
124	47.644	28.4092	18.00237	34.53172	51.75003	0.8265	0.607812	0.9784	6.956841
125	47.644	28.4092	36.46203	34.53172	67.20933	0.0965	1.093701	1.1178	7.235659
126	47.644	28.4092	33.29373	34.53172	65.02274	0.0619	0.961763	0.9772	6.954476
127	47.644	28.4092	30.67519	34.53172	63.24258	0.1928	0.821726	0.8699	6.739866
128	47.644	28.4092	28.02014	34.53172	61.43979	0.3256	0.632967	0.7144	6.428723
129	47.644	28.4092	26.15173	34.53172	60.14032	0.4190	0.450651	0.5554	6.110801
130	47.644	28.4092	24.45902	34.53172	58.87536	0.5036	0.211623	0.5565	6.113082
131	47.644	28.4092	23.96594	34.53172	58.46452	0.5283	0.114089	0.5568	6.113623
132	47.644	28.4092	23.08017	34.53172	57.54603	0.5726	0.162651	0.6132	6.226481
133	47.644	28.4092	22.88289	34.53172	57.17005	0.5824	0.314328	0.6610	6.322047
134	47.644	28.4092	22.97053	34.53172	56.72111	0.5781	0.561637	0.7185	6.436938
135	47.644	28.4092	39.78743	34.53172	71.45846	0.2628	0.93025	0.9959	6.991893
136	47.644	28.4092	36.90572	34.53172	69.40587	0.1187	0.797309	0.8270	6.653968
137	47.644	28.4092	34.56194	34.53172	67.741	0.0015	0.660664	0.6610	6.322084
138	47.644	28.4092	32.22869	34.53172	66.06108	0.1152	0.483189	0.5120	6.023954
139	47.644	28.4092	30.61818	34.53172	64.85427	0.1957	0.318246	0.3672	5.73433

140	47.644	28.4092	29.18567	34.53172	63.68301	0.2673	0.109893	0.2948	5.589552
141	47.644	28.4092	28.77371	34.53172	63.30338	0.2879	0.026932	0.2946	5.589267
142	47.644	28.4092	28.04023	34.53172	62.4561	0.3246	0.203976	0.3756	5.751138
143	47.644	28.4092	27.87807	34.53172	62.10985	0.3327	0.328815	0.4149	5.829773
144	47.644	28.4092	27.95005	34.53172	61.69685	0.3291	0.531899	0.6142	6.22834
145	47.644	28.4092	41.94142	34.53172	74.05166	0.3705	0.845134	0.9378	6.87551
146	47.644	28.4092	39.21831	34.53172	72.07296	0.2343	0.713685	0.7723	6.544535
147	47.644	28.4092	37.02122	34.53172	70.47113	0.1245	0.580726	0.6118	6.223689
148	47.644	28.4092	34.853	34.53172	68.85785	0.0161	0.411052	0.4151	5.830135
149	47.644	28.4092	33.36939	34.53172	67.70092	0.0581	0.256068	0.2706	5.541195
150	47.644	28.4092	32.06005	34.53172	66.57976	0.1236	0.063373	0.1394	5.278854
151	47.644	28.4092	31.68548	34.53172	66.21674	0.1423	0.012587	0.1455	5.290918
152	47.644	28.4092	31.02093	34.53172	65.4072	0.1755	0.222414	0.2663	5.532597
153	47.644	28.4092	30.87442	34.53172	65.07665	0.1829	0.335254	0.3810	5.761941
154	47.644	28.4092	30.93944	34.53172	64.6826	0.1796	0.518659	0.5636	6.127126
155	47.644	28.4092	38.70513	34.53172	72.30533	0.2087	0.533091	0.5853	6.170516
156	47.644	28.4092	36.63671	34.53172	70.73389	0.1052	0.368702	0.3950	5.790029
157	47.644	28.4092	35.2283	34.53172	69.60815	0.0348	0.220002	0.2287	5.457417
158	47.644	28.4092	33.99064	34.53172	68.5182	0.0271	0.036712	0.0435	5.086951
159	47.644	28.4092	33.63757	34.53172	68.16551	0.0447	0.035151	0.0535	5.10699
160	47.644	28.4092	33.01234	34.53172	67.37939	0.0760	0.232867	0.2519	5.503718
161	47.644	28.4092	32.87471	34.53172	67.05856	0.0829	0.338899	0.3596	5.719223
162	47.644	28.4092	32.93578	34.53172	66.67623	0.0798	0.51116	0.5311	6.062218
163	47.644	28.4092	43.03077	34.53172	76.92385	0.4250	0.43066	0.5369	6.073797
164	47.644	28.4092	41.18019	34.53172	75.44867	0.3324	0.279128	0.4022	5.804411
165	47.644	28.4092	39.93235	34.53172	74.3943	0.2700	0.144691	0.3062	5.612408
166	47.644	28.4092	38.84486	34.53172	73.37549	0.2157	0.018264	0.2202	5.440446
167	47.644	28.4092	38.5363	34.53172	73.04625	0.2002	0.081501	0.2206	5.441208
168	47.644	28.4092	37.99177	34.53172	72.31321	0.1730	0.254189	0.2974	5.594879
169	47.644	28.4092	37.87224	34.53172	72.01437	0.1670	0.346322	0.3881	5.776156
170	47.644	28.4092	47.48902	34.53172	81.58735	0.6479	0.347194	0.7347	6.469327
171	47.644	28.4092	45.81887	34.53172	80.198	0.5644	0.207518	0.6162	6.232473
172	47.644	28.4092	44.7007	34.53172	79.20688	0.5084	0.085346	0.5298	6.059571
173	47.644	28.4092	43.73195	34.53172	78.25075	0.4600	0.060991	0.4753	5.950518
174	47.644	28.4092	43.4581	34.53172	77.94211	0.4463	0.117376	0.4757	5.951326
175	47.644	28.4092	42.97597	34.53172	77.25554	0.4222	0.270568	0.4899	5.979709
176	47.644	28.4092	42.87035	34.53172	76.97589	0.4169	0.352014	0.5049	6.009869
177	47.644	28.4092	52.04582	34.53172	86.28855	0.8757	0.278194	0.9453	6.890507
178	47.644	28.4092	50.52651	34.53172	84.9761	0.7997	0.14916	0.8370	6.674059
179	47.644	28.4092	49.51477	34.53172	84.04135	0.7492	0.03749	0.7585	6.51705
180	47.644	28.4092	48.64199	34.53172	83.14083	0.7055	0.095111	0.7293	6.458582
181	47.644	28.4092	48.39593	34.53172	82.85041	0.6932	0.145941	0.7297	6.459392
182	47.644	28.4092	47.96347	34.53172	82.20484	0.6716	0.283541	0.7425	6.484945
183	47.644	28.4092	47.86885	34.53172	81.94208	0.6669	0.356517	0.7560	6.511971
184	47.644	28.4092	56.6774	34.53172	91.0216	1.1073	0.220385	1.1624	7.32476
185	47.644	28.4092	55.28552	34.53172	89.77837	1.0377	0.100798	1.0629	7.125778

186	47.644	28.4092	54.36242	34.53172	88.89413	0.9915	0.001859	0.9920	6.983999
187	47.644	28.4092	53.56868	34.53172	88.04326	0.9518	0.122965	0.9826	6.965178
188	47.644	28.4092	53.34535	34.53172	87.76906	0.9407	0.169211	0.9830	6.965968
189	47.644	28.4092	61.36683	34.53172	95.78179	1.3418	0.171359	1.3846	7.76919
190	47.644	28.4092	60.08368	34.53172	94.60113	1.2776	0.06013	1.2926	7.585261
191	47.644	28.4092	59.2354	34.53172	93.76238	1.2352	0.03475	1.2439	7.487743
192	47.644	28.4092	58.50781	34.53172	92.95609	1.1988	0.146121	1.2353	7.470669
193	47.644	28.4092	58.3034	34.53172	92.69642	1.1886	0.188527	1.2357	7.471431
194	47.644	28.4092	66.1018	34.53172	100.5652	1.5785	0.129325	1.6108	8.22167
195	47.644	28.4092	64.91231	34.53172	99.4414	1.5190	0.025495	1.5254	8.050806
196	47.644	28.4092	64.12794	34.53172	98.64382	1.4798	0.062631	1.4955	7.990937
197	47.644	28.4092	63.45647	34.53172	97.87774	1.4462	0.165669	1.4877	7.975309
198	47.644	28.4092	63.26805	34.53172	97.63117	1.4368	0.204814	1.4880	7.97604
Total Waktu Pekerjaan Pengangkutan Besi									1886.025 menit

Task	X	Y	$\rho(D)$	$\rho(S2)$	lj	Ta	Tw	Th	Total T
199	47.644	28.4092	55.47101	40.76705	52.58502	0.7352	3.370675	3.5545	12.60895
200	47.644	28.4092	53.4418	40.76705	48.53936	0.6337	3.483268	3.6417	12.7834
201	47.644	28.4092	51.85095	40.76705	44.9513	0.5542	3.590803	3.7294	12.9587
202	47.644	28.4092	50.32576	40.76705	40.91995	0.4779	3.720263	3.8397	13.17949
203	47.644	28.4092	49.30991	40.76705	37.63607	0.4271	3.832346	3.9391	13.37826
204	47.644	28.4092	48.43343	40.76705	33.93622	0.3833	3.96548	4.0613	13.62262
205	47.644	28.4092	48.18631	40.76705	32.56704	0.3710	4.016524	4.1093	13.71853
206	47.644	28.4092	47.75195	40.76705	28.97927	0.3492	4.154722	4.2420	13.98407
207	47.644	28.4092	47.65691	40.76705	27.14187	0.3445	4.228021	4.3141	14.12829
208	47.644	28.4092	47.69905	40.76705	24.25757	0.3466	4.34689	4.4335	14.36708
209	47.644	28.4092	50.40087	40.76705	51.36206	0.4817	3.268782	3.3892	12.27841
210	47.644	28.4092	48.1585	40.76705	47.21172	0.3696	3.388954	3.4813	12.46269
211	47.644	28.4092	46.38681	40.76705	43.51432	0.2810	3.505524	3.5758	12.65154
212	47.644	28.4092	44.67546	40.76705	39.33598	0.1954	3.647994	3.6968	12.8937
213	47.644	28.4092	43.52794	40.76705	35.90752	0.1380	3.772997	3.8075	13.11502
214	47.644	28.4092	42.53248	40.76705	32.00849	0.0883	3.923109	3.9452	13.39035
215	47.644	28.4092	42.25086	40.76705	30.55304	0.0742	3.981038	3.9996	13.49917
216	47.644	28.4092	41.75479	40.76705	26.69597	0.0494	4.138593	4.1509	13.80188
217	47.644	28.4092	41.64607	40.76705	24.68922	0.0440	4.222421	4.2334	13.96682
218	47.644	28.4092	41.69429	40.76705	21.47804	0.0464	4.358434	4.3700	14.24005
219	47.644	28.4092	45.58045	40.76705	50.82639	0.2407	3.145267	3.2054	11.91087
220	47.644	28.4092	43.08794	40.76705	46.6284	0.1160	3.272439	3.3015	12.1029
221	47.644	28.4092	41.09824	40.76705	42.88073	0.0166	3.398361	3.4025	12.305
222	47.644	28.4092	39.15644	40.76705	38.63392	0.0805	3.555485	3.5756	12.65123
223	47.644	28.4092	37.84192	40.76705	35.13703	0.1463	3.695977	3.7325	12.96508
224	47.644	28.4092	36.69253	40.76705	31.14169	0.2037	3.867412	3.9183	13.33669
225	47.644	28.4092	36.3657	40.76705	29.64371	0.2201	3.934212	3.9892	13.47846
226	47.644	28.4092	35.78816	40.76705	25.65026	0.2489	4.117163	4.1794	13.8588
227	47.644	28.4092	35.66125	40.76705	23.55459	0.2553	4.21497	4.2788	14.05759

228	47.644	28.4092	35.71755	40.76705	20.16351	0.2525	4.373786	4.4369	14.37381
229	47.644	28.4092	41.0591	40.76705	50.99403	0.0146	2.993257	2.9969	11.49381
230	47.644	28.4092	38.27326	40.76705	46.81107	0.1247	3.125449	3.1566	11.81324
231	47.644	28.4092	36.01857	40.76705	43.0793	0.2374	3.259994	3.3193	12.1387
232	47.644	28.4092	33.78607	40.76705	38.8542	0.3490	3.432852	3.5201	12.54023
233	47.644	28.4092	32.25342	40.76705	35.37909	0.4257	3.591783	3.6982	12.89641
234	47.644	28.4092	30.89682	40.76705	31.41454	0.4935	3.790565	3.9139	13.32789
235	47.644	28.4092	30.50797	40.76705	29.93022	0.5130	3.869217	3.9975	13.49491
236	47.644	28.4092	29.81718	40.76705	25.98085	0.5475	4.08709	4.2240	13.94793
237	47.644	28.4092	29.66474	40.76705	23.91417	0.5551	4.204487	4.3433	14.18653
238	47.644	28.4092	29.7324	40.76705	20.58242	0.5517	4.395359	4.5333	14.56659
239	47.644	28.4092	36.96108	40.76705	51.86	0.1903	2.805661	2.8532	11.20647
240	47.644	28.4092	33.83954	40.76705	47.75296	0.3464	2.938134	3.0247	11.54946
241	47.644	28.4092	31.26675	40.76705	44.10096	0.4750	3.077965	3.1967	11.89344
242	47.644	28.4092	28.66654	40.76705	39.98397	0.6050	3.265212	3.4165	12.33294
243	47.644	28.4092	26.84315	40.76705	36.61624	0.6962	3.444802	3.6189	12.7377
244	47.644	28.4092	25.19693	40.76705	32.80156	0.7785	3.678612	3.8732	13.24648
245	47.644	28.4092	24.71858	40.76705	31.38291	0.8024	3.773569	3.9742	13.44835
246	47.644	28.4092	23.86077	40.76705	27.64188	0.8453	4.04198	4.2533	14.00662
247	47.644	28.4092	23.66999	40.76705	25.70907	0.8549	4.188692	4.4024	14.30481
248	47.644	28.4092	23.75473	40.76705	22.64298	0.8506	4.427799	4.6405	14.78091
249	47.644	28.4092	36.01999	40.76705	52.18215	0.2374	2.752305	2.8116	11.12329
250	47.644	28.4092	32.80903	40.76705	48.10262	0.3979	2.883612	2.9831	11.46617
251	47.644	28.4092	30.14842	40.76705	44.47934	0.5309	3.023696	3.1564	11.81286
252	47.644	28.4092	27.44246	40.76705	40.40093	0.6662	3.213693	3.3803	12.2605
253	47.644	28.4092	25.5318	40.76705	37.07109	0.7618	3.398437	3.5889	12.67776
254	47.644	28.4092	23.79503	40.76705	33.30855	0.8486	3.642295	3.8544	13.20889
255	47.644	28.4092	23.2879	40.76705	31.91245	0.8740	3.742258	3.9607	13.4215
256	47.644	28.4092	22.37531	40.76705	28.24165	0.9196	4.026953	4.2569	14.0137
257	47.644	28.4092	22.17175	40.76705	26.35287	0.9298	4.18341	4.4159	14.3317
258	47.644	28.4092	22.2622	40.76705	23.37139	0.9252	4.438629	4.6699	14.83988
259	47.644	28.4092	33.18131	40.76705	53.54625	0.3793	2.553756	2.6486	10.79715
260	47.644	28.4092	29.66467	40.76705	49.57909	0.5551	2.675791	2.8146	11.12914
261	47.644	28.4092	26.69246	40.76705	46.07207	0.7037	2.811261	2.9872	11.47439
262	47.644	28.4092	23.5934	40.76705	42.14806	0.8587	3.004522	3.2192	11.93839
263	47.644	28.4092	21.34087	40.76705	38.96781	0.9713	3.203622	3.4464	12.3929
264	47.644	28.4092	19.22923	40.76705	35.40739	1.0769	3.483442	3.7527	13.00533
265	47.644	28.4092	30.89594	40.76705	55.33014	0.4936	2.322079	2.4455	10.39094
266	47.644	28.4092	27.08417	40.76705	51.50058	0.6841	2.423735	2.5948	10.68954
267	47.644	28.4092	23.79175	40.76705	48.13377	0.8488	2.541621	2.7538	11.00762
268	47.644	28.4092	20.2536	40.76705	44.39237	1.0257	2.720477	2.9769	11.45379
269	47.644	28.4092	17.57819	40.76705	41.38495	1.1594	2.919935	3.2098	11.91959
270	47.644	28.4092	14.94401	40.76705	38.05138	1.2912	3.229909	3.5527	12.60539
271	47.644	28.4092	29.29367	40.76705	57.49477	0.5737	2.059414	2.2028	9.905663
272	47.644	28.4092	25.24109	40.76705	53.81946	0.7763	2.127069	2.3211	10.14229
273	47.644	28.4092	21.67043	40.76705	50.60715	0.9548	2.208731	2.4474	10.39488

274	47.644	28.4092	17.71351	40.76705	47.0628	1.1527	2.340696	2.6289	10.75773
275	47.644	28.4092	14.57919	40.76705	44.23729	1.3094	2.502323	2.8297	11.15934
276	47.644	28.4092	11.26425	40.76705	41.13552	1.4751	2.793811	3.1626	11.82519
277	47.644	28.4092	28.48999	40.76705	59.99894	0.6139	1.774358	1.9278	9.355642
278	47.644	28.4092	24.30375	40.76705	56.4868	0.8232	1.796034	2.0018	9.503651
279	47.644	28.4092	20.57103	40.76705	53.43508	1.0098	1.822838	2.0753	9.650576
280	47.644	28.4092	16.35018	40.76705	50.09123	1.2208	1.867996	2.1732	9.846414
281	47.644	28.4092	12.88848	40.76705	47.44641	1.3939	1.92736	2.2758	10.05168
282	47.644	28.4092	8.969025	40.76705	44.56855	1.5899	2.051118	2.4486	10.39719
283	47.644	28.4092	28.5524	40.76705	62.80204	0.6107	1.481824	1.6345	8.769015
284	47.644	28.4092	24.37688	40.76705	59.45572	0.8195	1.453098	1.6580	8.815951
285	47.644	28.4092	20.65738	40.76705	56.5644	1.0055	1.417648	1.6690	8.838038
286	47.644	28.4092	16.45869	40.76705	53.4168	1.2154	1.358134	1.6620	8.823978
287	47.644	28.4092	13.02585	40.76705	50.94493	1.3871	1.280395	1.7072	8.914317
288	47.644	28.4092	9.165338	40.76705	48.27607	1.5801	1.120672	1.8603	9.220508
289	47.644	28.4092	7.754123	40.76705	47.32361	1.6506	1.020146	1.9057	9.311366
290	47.644	28.4092	4.29586	40.76705	44.93006	1.8236	0.436713	1.9327	9.365476
291	47.644	28.4092	3.063759	40.76705	43.76749	1.8852	0.351872	1.9731	9.446265
292	47.644	28.4092	3.661341	40.76705	42.03977	1.8553	2.095951	2.5598	10.61955
293	47.644	28.4092	29.4754	40.76705	65.86593	0.5646	1.199168	1.3403	8.180627
294	47.644	28.4092	25.45177	40.76705	62.68338	0.7658	1.125838	1.3173	8.134557
295	47.644	28.4092	21.91546	40.76705	59.94794	0.9426	1.03777	1.2734	8.04683
296	47.644	28.4092	18.01245	40.76705	56.98753	1.1377	0.896635	1.3619	8.223778
297	47.644	28.4092	14.94098	40.76705	54.67733	1.2913	0.726052	1.4728	8.445633
298	47.644	28.4092	11.72874	40.76705	52.19965	1.4519	0.425566	1.5583	8.616614
299	47.644	28.4092	10.66238	40.76705	51.32006	1.5052	0.268283	1.5723	8.644609
300	47.644	28.4092	8.486131	40.76705	49.12163	1.6140	0.322857	1.6948	8.889521
301	47.644	28.4092	7.93389	40.76705	48.06056	1.6417	0.735447	1.8255	9.15104
302	47.644	28.4092	8.18324	40.76705	46.49264	1.6292	1.442104	1.9897	9.479433
303	47.644	28.4092	31.18268	40.76705	69.15594	0.4792	0.940556	1.0604	7.620721
304	47.644	28.4092	27.41081	40.76705	66.13191	0.6678	0.835195	1.0021	7.504296
305	47.644	28.4092	24.16293	40.76705	63.5451	0.8302	0.713773	1.0086	7.517298
306	47.644	28.4092	20.68836	40.76705	60.76021	1.0039	0.531242	1.1367	7.77349
307	47.644	28.4092	18.07741	40.76705	58.59892	1.1345	0.330228	1.2170	7.934078
308	47.644	28.4092	15.52815	40.76705	56.29411	1.2619	0.023179	1.2677	8.03548
309	47.644	28.4092	14.73928	40.76705	55.47948	1.3014	0.117414	1.3307	8.161484
310	47.644	28.4092	13.25045	40.76705	53.4524	1.3758	0.561491	1.5162	8.532406
311	47.644	28.4092	12.90374	40.76705	52.47896	1.3932	0.825762	1.5996	8.699212
312	47.644	28.4092	13.05854	40.76705	51.04694	1.3854	1.263102	1.7012	8.902402
313	47.644	28.4092	33.55472	40.76705	72.64137	0.3606	0.713593	0.8037	7.107495
314	47.644	28.4092	30.08176	40.76705	69.76858	0.5343	0.589643	0.7232	6.946419
315	47.644	28.4092	27.15525	40.76705	67.32164	0.6806	0.452872	0.7938	7.087617
316	47.644	28.4092	24.11573	40.76705	64.69951	0.8326	0.259299	0.8974	7.294782
317	47.644	28.4092	21.91695	40.76705	62.67422	0.9425	0.061762	0.9579	7.415891
318	47.644	28.4092	19.86664	40.76705	60.5248	1.0450	0.212866	1.0982	7.696474
319	47.644	28.4092	19.25633	40.76705	59.76785	1.0755	0.32965	1.1579	7.815897

320	47.644	28.4092	18.14206	40.76705	57.89113	1.1312	0.672817	1.2995	8.098908
321	47.644	28.4092	17.89041	40.76705	56.99356	1.1438	0.865799	1.3603	8.220564
322	47.644	28.4092	18.00237	40.76705	55.67777	1.1382	1.181857	1.4664	8.432832
323	47.644	28.4092	36.46203	40.76705	76.29543	0.2153	0.519655	0.5735	6.646936
324	47.644	28.4092	33.29373	40.76705	73.56547	0.3737	0.387717	0.4811	6.462267
325	47.644	28.4092	30.67519	40.76705	71.24905	0.5046	0.24768	0.5665	6.633026
326	47.644	28.4092	28.02014	40.76705	68.77682	0.6373	0.058921	0.6521	6.804151
327	47.644	28.4092	26.15173	40.76705	66.87512	0.7308	0.123395	0.7616	7.02323
328	47.644	28.4092	24.45902	40.76705	64.86506	0.8154	0.362423	0.9060	7.312015
329	47.644	28.4092	23.96594	40.76705	64.15933	0.8401	0.459957	0.9550	7.410089
330	47.644	28.4092	23.08017	40.76705	62.4148	0.8843	0.736697	1.0685	7.637037
331	47.644	28.4092	22.88289	40.76705	61.58319	0.8942	0.888374	1.1163	7.732603
332	47.644	28.4092	22.97053	40.76705	60.36752	0.8898	1.135683	1.3581	8.21628
333	47.644	28.4092	39.78743	40.76705	80.09505	0.0490	0.356204	0.3684	6.236899
334	47.644	28.4092	36.90572	40.76705	77.49905	0.1931	0.223263	0.2715	6.04306
335	47.644	28.4092	34.56194	40.76705	75.30373	0.3103	0.086618	0.3319	6.163821
336	47.644	28.4092	32.22869	40.76705	72.969	0.4269	0.090857	0.4496	6.399265
337	47.644	28.4092	30.61818	40.76705	71.17939	0.5074	0.2558	0.5714	6.642788
338	47.644	28.4092	29.18567	40.76705	69.2943	0.5791	0.464153	0.6951	6.890215
339	47.644	28.4092	28.77371	40.76705	68.63413	0.5997	0.547114	0.7364	6.972891
340	47.644	28.4092	28.04023	40.76705	67.0062	0.6363	0.778022	0.9371	7.374215
341	47.644	28.4092	27.87807	40.76705	66.23227	0.6444	0.902861	1.0640	7.627947
342	47.644	28.4092	27.95005	40.76705	65.10347	0.6409	1.105945	1.2662	8.032316
343	47.644	28.4092	41.94142	40.76705	82.43516	0.0587	0.271088	0.2858	6.071535
344	47.644	28.4092	39.21831	40.76705	79.91522	0.0774	0.139639	0.1590	5.817997
345	47.644	28.4092	37.02122	40.76705	77.78812	0.1873	0.00668	0.1890	5.877923
346	47.644	28.4092	34.853	40.76705	75.53022	0.2957	0.162994	0.3365	6.172902
347	47.644	28.4092	33.36939	40.76705	73.80275	0.3699	0.317978	0.4494	6.398755
348	47.644	28.4092	32.06005	40.76705	71.98638	0.4354	0.510673	0.6195	6.739022
349	47.644	28.4092	31.68548	40.76705	71.35113	0.4541	0.586633	0.7002	6.900306
350	47.644	28.4092	31.02093	40.76705	69.78661	0.4873	0.79646	0.9183	7.336572
351	47.644	28.4092	30.87442	40.76705	69.04385	0.4946	0.9093	1.0330	7.565916
352	47.644	28.4092	30.93944	40.76705	67.96177	0.4914	1.092705	1.2156	7.931101
353	47.644	28.4092	38.70513	40.76705	79.46619	0.1031	0.040955	0.1133	5.72667
354	47.644	28.4092	36.63671	40.76705	77.25735	0.2065	0.205344	0.2579	6.015706
355	47.644	28.4092	35.2283	40.76705	75.56937	0.2769	0.354044	0.4233	6.346558
356	47.644	28.4092	33.99064	40.76705	73.7965	0.3388	0.537334	0.6220	6.744078
357	47.644	28.4092	33.63757	40.76705	73.17697	0.3565	0.609197	0.6983	6.896631
358	47.644	28.4092	33.01234	40.76705	71.65232	0.3877	0.806913	0.9038	7.307693
359	47.644	28.4092	32.87471	40.76705	70.9291	0.3946	0.912945	1.0116	7.523198
360	47.644	28.4092	32.93578	40.76705	69.87622	0.3916	1.085205	1.1831	7.866193
361	47.644	28.4092	43.03077	40.76705	83.72037	0.1132	0.143386	0.1717	5.843365
362	47.644	28.4092	41.18019	40.76705	81.62673	0.0207	0.294917	0.3001	6.100163
363	47.644	28.4092	39.93235	40.76705	80.03096	0.0417	0.429355	0.4398	6.379578
364	47.644	28.4092	38.84486	40.76705	78.35909	0.0961	0.59231	0.6163	6.732674
365	47.644	28.4092	38.5363	40.76705	77.77591	0.1115	0.655547	0.6834	6.866864

366	47.644	28.4092	37.99177	40.76705	76.34316	0.1388	0.828235	0.8629	7.225852
367	47.644	28.4092	37.87224	40.76705	75.6648	0.1447	0.920368	0.9566	7.413106
368	47.644	28.4092	47.48902	40.76705	88.05296	0.3361	0.226852	0.3928	6.285623
369	47.644	28.4092	45.81887	40.76705	86.06478	0.2526	0.366528	0.4297	6.359351
370	47.644	28.4092	44.7007	40.76705	84.55281	0.1967	0.4887	0.5379	6.575741
371	47.644	28.4092	43.73195	40.76705	82.97211	0.1482	0.635037	0.6721	6.844196
372	47.644	28.4092	43.4581	40.76705	82.42158	0.1346	0.691422	0.7251	6.95012
373	47.644	28.4092	42.97597	40.76705	81.07097	0.1104	0.844614	0.8722	7.244451
374	47.644	28.4092	42.87035	40.76705	80.43249	0.1052	0.92606	0.9524	7.404702
375	47.644	28.4092	52.04582	40.76705	92.45295	0.5639	0.295852	0.6379	6.775803
376	47.644	28.4092	50.52651	40.76705	90.56142	0.4880	0.424886	0.5942	6.688389
377	47.644	28.4092	49.51477	40.76705	89.12576	0.4374	0.536556	0.6459	6.791805
378	47.644	28.4092	48.64199	40.76705	87.62759	0.3937	0.669157	0.7676	7.035187
379	47.644	28.4092	48.39593	40.76705	87.10649	0.3814	0.719987	0.8153	7.130696
380	47.644	28.4092	47.96347	40.76705	85.82964	0.3598	0.857587	0.9475	7.395085
381	47.644	28.4092	47.86885	40.76705	85.22681	0.3551	0.930563	1.0193	7.538671
382	47.644	28.4092	56.6774	40.76705	96.91115	0.7955	0.353661	0.8839	7.267865
383	47.644	28.4092	55.28552	40.76705	95.10833	0.7259	0.473248	0.8442	7.18847
384	47.644	28.4092	54.36242	40.76705	93.74234	0.6798	0.575905	0.8237	7.147489
385	47.644	28.4092	53.56868	40.76705	92.31912	0.6401	0.69701	0.8570	7.214062
386	47.644	28.4092	53.34535	40.76705	91.82464	0.6289	0.743257	0.9005	7.300972
387	47.644	28.4092	61.36683	40.76705	101.4199	1.0300	0.402687	1.1307	7.761321
388	47.644	28.4092	60.08368	40.76705	99.69864	0.9658	0.513916	1.0943	7.68862
389	47.644	28.4092	59.2354	40.76705	98.39639	0.9234	0.608796	1.0756	7.651233
390	47.644	28.4092	58.50781	40.76705	97.04145	0.8870	0.720167	1.0671	7.634159
391	47.644	28.4092	58.3034	40.76705	96.57116	0.8768	0.762573	1.0675	7.634921
392	47.644	28.4092	66.1018	40.76705	105.9727	1.2667	0.444721	1.3779	8.255835
393	47.644	28.4092	64.91231	40.76705	104.3266	1.2073	0.548551	1.3444	8.188802
394	47.644	28.4092	64.12794	40.76705	103.0828	1.1680	0.636677	1.3272	8.154427
395	47.644	28.4092	63.45647	40.76705	101.7903	1.1345	0.739715	1.3194	8.138799
396	47.644	28.4092	63.26805	40.76705	101.3421	1.1250	0.778859	1.3198	8.13953
Total Waktu Pekerjaan Pengangkutan <i>Scaffolding</i>									1904.116 menit

Task	X	Y	$\rho(D)$	$\rho(S3)$	lj	Ta	Tw	Th	Total T
397	47.644	28.4092	55.47101	26.6147	60.71929	1.4428	2.673628	3.0343	14.56866
398	47.644	28.4092	53.4418	26.6147	57.25143	1.3414	2.78622	3.1216	14.74312
399	47.644	28.4092	51.85095	26.6147	54.24282	1.2618	2.893756	3.2092	14.91842
400	47.644	28.4092	50.32576	26.6147	50.95209	1.1856	3.023216	3.3196	15.13921
401	47.644	28.4092	49.30991	26.6147	48.35446	1.1348	3.135299	3.4190	15.33798
402	47.644	28.4092	48.43343	26.6147	45.53411	1.0909	3.268433	3.5412	15.58233
403	47.644	28.4092	48.18631	26.6147	44.52306	1.0786	3.319477	3.5891	15.67824
404	47.644	28.4092	47.75195	26.6147	41.97019	1.0569	3.457674	3.7219	15.94378
405	47.644	28.4092	47.65691	26.6147	40.72326	1.0521	3.530974	3.7940	16.088
406	47.644	28.4092	47.69905	26.6147	38.86051	1.0542	3.649843	3.9134	16.32679
407	47.644	28.4092	50.40087	26.6147	57.64584	1.1893	2.571735	2.8691	14.23812

408	47.644	28.4092	48.1585	26.6147	53.9809	1.0772	2.691907	2.9612	14.42241
409	47.644	28.4092	46.38681	26.6147	50.77888	0.9886	2.808477	3.0556	14.61126
410	47.644	28.4092	44.67546	26.6147	47.2475	0.9030	2.950947	3.1767	14.85341
411	47.644	28.4092	43.52794	26.6147	44.43382	0.8457	3.07595	3.2874	15.07473
412	47.644	28.4092	42.53248	26.6147	41.34689	0.7959	3.226062	3.4250	15.35007
413	47.644	28.4092	42.25086	26.6147	40.23075	0.7818	3.28399	3.4794	15.45888
414	47.644	28.4092	41.75479	26.6147	37.38593	0.7570	3.441546	3.6308	15.76159
415	47.644	28.4092	41.64607	26.6147	35.98048	0.7516	3.525374	3.7133	15.92653
416	47.644	28.4092	41.69429	26.6147	33.85779	0.7540	3.661387	3.8499	16.19976
417	47.644	28.4092	45.58045	26.6147	55.06939	0.9483	2.44822	2.6853	13.87058
418	47.644	28.4092	43.08794	26.6147	51.22043	0.8237	2.575392	2.7813	14.06261
419	47.644	28.4092	41.09824	26.6147	47.83398	0.7242	2.701314	2.8824	14.26472
420	47.644	28.4092	39.15644	26.6147	44.06723	0.6271	2.858437	3.0152	14.53042
421	47.644	28.4092	37.84192	26.6147	41.03607	0.5614	2.99893	3.1393	14.77854
422	47.644	28.4092	36.69253	26.6147	37.67174	0.5039	3.170365	3.2963	15.09268
423	47.644	28.4092	36.3657	26.6147	36.44322	0.4876	3.237164	3.3591	15.2181
424	47.644	28.4092	35.78816	26.6147	33.27616	0.4587	3.420116	3.5348	15.56957
425	47.644	28.4092	35.66125	26.6147	31.68895	0.4523	3.517923	3.6310	15.76201
426	47.644	28.4092	35.71755	26.6147	29.25654	0.4551	3.676738	3.7905	16.08105
427	47.644	28.4092	41.0591	26.6147	53.04282	0.7222	2.296209	2.4768	13.45353
428	47.644	28.4092	38.27326	26.6147	49.03504	0.5829	2.428402	2.5741	13.64827
429	47.644	28.4092	36.01857	26.6147	45.48617	0.4702	2.562946	2.6805	13.86099
430	47.644	28.4092	33.78607	26.6147	41.50691	0.3586	2.735804	2.8254	14.15089
431	47.644	28.4092	32.25342	26.6147	38.27351	0.2819	2.894736	2.9652	14.43044
432	47.644	28.4092	30.89682	26.6147	34.64193	0.2141	3.093517	3.1470	14.79409
433	47.644	28.4092	30.50797	26.6147	33.30182	0.1947	3.17217	3.2208	14.94167
434	47.644	28.4092	29.81718	26.6147	29.80278	0.1601	3.390042	3.4301	15.36015
435	47.644	28.4092	29.66474	26.6147	28.0195	0.1525	3.507439	3.5456	15.59113
436	47.644	28.4092	29.7324	26.6147	25.23584	0.1559	3.698312	3.7373	15.97457
437	47.644	28.4092	36.96108	26.6147	51.63762	0.5173	2.108614	2.2379	12.97589
438	47.644	28.4092	33.83954	26.6147	47.51145	0.3612	2.241087	2.3314	13.16279
439	47.644	28.4092	31.26675	26.6147	43.83942	0.2326	2.380918	2.4391	13.37814
440	47.644	28.4092	28.66654	26.6147	39.69542	0.1026	2.568165	2.5938	13.68763
441	47.644	28.4092	26.84315	26.6147	36.30103	0.0114	2.747755	2.7506	14.00122
442	47.644	28.4092	25.19693	26.6147	32.44944	0.0709	2.981565	2.9993	14.49857
443	47.644	28.4092	24.71858	26.6147	31.01474	0.0948	3.076521	3.1002	14.70045
444	47.644	28.4092	23.86077	26.6147	27.2233	0.1377	3.344933	3.3794	15.25871
445	47.644	28.4092	23.66999	26.6147	25.25857	0.1472	3.491645	3.5285	15.55691
446	47.644	28.4092	23.75473	26.6147	22.13031	0.1430	3.730751	3.7665	16.033
447	47.644	28.4092	36.01999	26.6147	51.38988	0.4703	2.055258	2.1728	12.84565
448	47.644	28.4092	32.80903	26.6147	47.24207	0.3097	2.186564	2.2640	13.02799
449	47.644	28.4092	30.14842	26.6147	43.54734	0.1767	2.326649	2.3708	13.24164
450	47.644	28.4092	27.44246	26.6147	39.37261	0.0414	2.516646	2.5270	13.55399
451	47.644	28.4092	25.5318	26.6147	35.94774	0.0541	2.70139	2.7149	13.92985
452	47.644	28.4092	23.79503	26.6147	32.05373	0.1410	2.945248	2.9805	14.46099
453	47.644	28.4092	23.2879	26.6147	30.60048	0.1663	3.045211	3.0868	14.67359

454	47.644	28.4092	22.37531	26.6147	26.7504	0.2120	3.329906	3.3829	15.2658
455	47.644	28.4092	22.17175	26.6147	24.74815	0.2221	3.486362	3.5419	15.5838
456	47.644	28.4092	22.2622	26.6147	21.54591	0.2176	3.741582	3.7960	16.09198
457	47.644	28.4092	33.18131	26.6147	50.87572	0.3283	1.856708	1.9388	12.37758
458	47.644	28.4092	29.66467	26.6147	46.68225	0.1525	1.978744	2.0169	12.53374
459	47.644	28.4092	26.69246	26.6147	42.93937	0.0039	2.114214	2.1152	12.73037
460	47.644	28.4092	23.5934	26.6147	38.69911	0.1511	2.307475	2.3452	13.19048
461	47.644	28.4092	21.34087	26.6147	35.20879	0.2637	2.506575	2.5725	13.645
462	47.644	28.4092	19.22923	26.6147	31.22276	0.3693	2.786395	2.8787	14.25743
463	47.644	28.4092	30.89594	26.6147	50.85034	0.2141	1.625032	1.6785	11.85709
464	47.644	28.4092	27.08417	26.6147	46.6546	0.0235	1.726688	1.7326	11.96511
465	47.644	28.4092	23.79175	26.6147	42.90931	0.1411	1.844573	1.8799	12.25972
466	47.644	28.4092	20.2536	26.6147	38.66575	0.3181	2.02343	2.1029	12.70589
467	47.644	28.4092	17.57819	26.6147	35.17212	0.4518	2.222888	2.3358	13.17169
468	47.644	28.4092	14.94401	26.6147	31.1814	0.5835	2.532862	2.6787	13.85749
469	47.644	28.4092	29.29367	26.6147	51.31449	0.1339	1.362367	1.3959	11.29171
470	47.644	28.4092	25.24109	26.6147	47.16005	0.0687	1.430022	1.4472	11.39438
471	47.644	28.4092	21.67043	26.6147	43.45834	0.2472	1.511684	1.5735	11.64697
472	47.644	28.4092	17.71351	26.6147	39.27415	0.4451	1.643649	1.7549	12.00983
473	47.644	28.4092	14.57919	26.6147	35.83988	0.6018	1.805276	1.9557	12.41144
474	47.644	28.4092	11.26425	26.6147	31.93272	0.7675	2.096763	2.2886	13.07729
475	47.644	28.4092	28.48999	26.6147	52.2551	0.0938	1.07731	1.1008	10.7015
476	47.644	28.4092	24.30375	26.6147	48.18184	0.1155	1.098987	1.1279	10.75575
477	47.644	28.4092	20.57103	26.6147	44.56508	0.3022	1.125791	1.2013	10.90267
478	47.644	28.4092	16.35018	26.6147	40.49541	0.5132	1.170949	1.2993	11.09851
479	47.644	28.4092	12.88848	26.6147	37.17413	0.6863	1.230313	1.4019	11.30378
480	47.644	28.4092	8.969025	26.6147	33.42331	0.8823	1.354071	1.5746	11.64928
481	47.644	28.4092	28.5524	26.6147	53.64713	0.0969	0.784777	0.8090	10.118
482	47.644	28.4092	24.37688	26.6147	49.68811	0.1119	0.756051	0.7840	10.06805
483	47.644	28.4092	20.65738	26.6147	46.18945	0.2979	0.720601	0.7951	10.09013
484	47.644	28.4092	16.45869	26.6147	42.27644	0.5078	0.661087	0.7880	10.07607
485	47.644	28.4092	13.02585	26.6147	39.10672	0.6794	0.583347	0.8253	10.15056
486	47.644	28.4092	9.165338	26.6147	35.56032	0.8725	0.423625	0.9784	10.45675
487	47.644	28.4092	7.754123	26.6147	34.25616	0.9430	0.323098	1.0238	10.54761
488	47.644	28.4092	4.29586	26.6147	30.8655	1.1159	0.260334	1.1810	10.86205
489	47.644	28.4092	3.063759	26.6147	29.14732	1.1775	1.048919	1.4398	11.37955
490	47.644	28.4092	3.661341	26.6147	26.48247	1.1477	2.792998	3.0799	14.65983
491	47.644	28.4092	29.4754	26.6147	55.45659	0.1430	0.50212	0.5379	9.575758
492	47.644	28.4092	25.45177	26.6147	51.63649	0.0581	0.42879	0.4433	9.386654
493	47.644	28.4092	21.91546	26.6147	48.27924	0.2350	0.340723	0.3995	9.298927
494	47.644	28.4092	18.01245	26.6147	44.55015	0.4301	0.199588	0.4800	9.460019
495	47.644	28.4092	14.94098	26.6147	41.55423	0.5837	0.029004	0.5909	9.681874
496	47.644	28.4092	11.72874	26.6147	38.23553	0.7443	0.271482	0.8122	10.12434
497	47.644	28.4092	10.66238	26.6147	37.02571	0.7976	0.428764	0.9048	10.30961
498	47.644	28.4092	8.486131	26.6147	33.91309	0.9064	1.019904	1.2465	10.99302
499	47.644	28.4092	7.93389	26.6147	32.35715	0.9340	1.432494	1.6660	11.83201

500	47.644	28.4092	8.18324	26.6147	29.979	0.9216	2.139151	2.3695	13.23909
501	47.644	28.4092	31.18268	26.6147	57.64419	0.2284	0.243508	0.3006	9.101216
502	47.644	28.4092	27.41081	26.6147	53.97913	0.0398	0.138148	0.1481	8.796198
503	47.644	28.4092	24.16293	26.6147	50.777	0.1226	0.016725	0.1268	8.753539
504	47.644	28.4092	20.68836	26.6147	47.24548	0.2963	0.165805	0.3378	9.175536
505	47.644	28.4092	18.07741	26.6147	44.43167	0.4269	0.366819	0.5186	9.537139
506	47.644	28.4092	15.52815	26.6147	41.34458	0.5543	0.673868	0.8124	10.1249
507	47.644	28.4092	14.73928	26.6147	40.22838	0.5938	0.814461	0.9629	10.42581
508	47.644	28.4092	13.25045	26.6147	37.38338	0.6682	1.258539	1.4256	11.35118
509	47.644	28.4092	12.90374	26.6147	35.97783	0.6855	1.522809	1.6942	11.88839
510	47.644	28.4092	13.05854	26.6147	33.85497	0.6778	1.960149	2.1296	12.7592
511	47.644	28.4092	33.55472	26.6147	60.16869	0.3470	0.016546	0.3511	9.202275
512	47.644	28.4092	30.08176	26.6147	56.66715	0.1734	0.107404	0.2002	8.900408
513	47.644	28.4092	27.15525	26.6147	53.62576	0.0270	0.244175	0.2509	9.001864
514	47.644	28.4092	24.11573	26.6147	50.29467	0.1249	0.437748	0.4690	9.43797
515	47.644	28.4092	21.91695	26.6147	47.66122	0.2349	0.635286	0.6940	9.888015
516	47.644	28.4092	19.86664	26.6147	44.79725	0.3374	0.909914	0.9943	10.48853
517	47.644	28.4092	19.25633	26.6147	43.76919	0.3679	1.026697	1.1187	10.73735
518	47.644	28.4092	18.14206	26.6147	41.1696	0.4236	1.369864	1.4758	11.45154
519	47.644	28.4092	17.89041	26.6147	39.89766	0.4362	1.562846	1.6719	11.8438
520	47.644	28.4092	18.00237	26.6147	37.99445	0.4306	1.878905	1.9866	12.47312
521	47.644	28.4092	36.46203	26.6147	62.98961	0.4924	0.177392	0.5367	9.573429
522	47.644	28.4092	33.29373	26.6147	59.65387	0.3340	0.30933	0.4113	9.322568
523	47.644	28.4092	30.67519	26.6147	56.77272	0.2030	0.449367	0.5001	9.500246
524	47.644	28.4092	28.02014	26.6147	53.63742	0.0703	0.638126	0.6557	9.811389
525	47.644	28.4092	26.15173	26.6147	51.17628	0.0231	0.820443	0.8262	10.15246
526	47.644	28.4092	24.45902	26.6147	48.52023	0.1078	1.05947	1.0864	10.67283
527	47.644	28.4092	23.96594	26.6147	47.57269	0.1324	1.157004	1.1901	10.88023
528	47.644	28.4092	23.08017	26.6147	45.19242	0.1767	1.433745	1.4779	11.45585
529	47.644	28.4092	22.88289	26.6147	44.03683	0.1866	1.585421	1.6321	11.76414
530	47.644	28.4092	22.97053	26.6147	42.32018	0.1822	1.832731	1.8783	12.25657
531	47.644	28.4092	39.78743	26.6147	66.06898	0.6586	0.340843	0.7438	9.987694
532	47.644	28.4092	36.90572	26.6147	62.89677	0.5146	0.473784	0.6330	9.765994
533	47.644	28.4092	34.56194	26.6147	60.17109	0.3974	0.610429	0.7098	9.919539
534	47.644	28.4092	32.22869	26.6147	57.2223	0.2807	0.787904	0.8581	10.21616
535	47.644	28.4092	30.61818	26.6147	54.92204	0.2002	0.952847	1.0029	10.50578
536	47.644	28.4092	29.18567	26.6147	52.456	0.1285	1.1612	1.1933	10.88667
537	47.644	28.4092	28.77371	26.6147	51.58081	0.1080	1.244161	1.2711	11.0423
538	47.644	28.4092	28.04023	26.6147	49.39407	0.0713	1.47507	1.4929	11.48578
539	47.644	28.4092	27.87807	26.6147	48.33902	0.0632	1.599908	1.6157	11.7314
540	47.644	28.4092	27.95005	26.6147	46.78051	0.0668	1.802993	1.8197	12.13937
541	47.644	28.4092	41.94142	26.6147	68.02518	0.7663	0.425959	0.8728	10.24565
542	47.644	28.4092	39.21831	26.6147	64.94859	0.6302	0.557408	0.7695	10.03906
543	47.644	28.4092	37.02122	26.6147	62.31273	0.5203	0.690367	0.8204	10.1409
544	47.644	28.4092	34.853	26.6147	59.47023	0.4119	0.860042	0.9630	10.42604
545	47.644	28.4092	33.36939	26.6147	57.26033	0.3377	1.015025	1.0995	10.69892

546	47.644	28.4092	32.06005	26.6147	54.89943	0.2723	1.207721	1.2758	11.05158
547	47.644	28.4092	31.68548	26.6147	54.06381	0.2535	1.283681	1.3471	11.19413
548	47.644	28.4092	31.02093	26.6147	51.98163	0.2203	1.493507	1.5486	11.59717
549	47.644	28.4092	30.87442	26.6147	50.98016	0.2130	1.606347	1.6596	11.81919
550	47.644	28.4092	30.93944	26.6147	49.50487	0.2162	1.789753	1.8438	12.18762
551	47.644	28.4092	38.70513	26.6147	63.78072	0.6045	0.738003	0.8891	10.27827
552	47.644	28.4092	36.63671	26.6147	61.00665	0.5011	0.902391	1.0277	10.55533
553	47.644	28.4092	35.2283	26.6147	58.85448	0.4307	1.051092	1.1588	10.81752
554	47.644	28.4092	33.99064	26.6147	56.56015	0.3688	1.234381	1.3266	11.15316
555	47.644	28.4092	33.63757	26.6147	55.74943	0.3511	1.306244	1.3940	11.28806
556	47.644	28.4092	33.01234	26.6147	53.73261	0.3199	1.50396	1.5839	11.66786
557	47.644	28.4092	32.87471	26.6147	52.76438	0.3130	1.609992	1.6882	11.87648
558	47.644	28.4092	32.93578	26.6147	51.34039	0.3161	1.782253	1.8613	12.22253
559	47.644	28.4092	43.03077	26.6147	67.56773	0.8208	0.840433	1.0456	10.59127
560	47.644	28.4092	41.18019	26.6147	64.9556	0.7283	0.991965	1.1740	10.84807
561	47.644	28.4092	39.93235	26.6147	62.93861	0.6659	1.126403	1.2929	11.08575
562	47.644	28.4092	38.84486	26.6147	60.7986	0.6115	1.289357	1.4422	11.38447
563	47.644	28.4092	38.5363	26.6147	60.04513	0.5961	1.352595	1.5016	11.50323
564	47.644	28.4092	37.99177	26.6147	58.17742	0.5689	1.525282	1.6675	11.83499
565	47.644	28.4092	37.87224	26.6147	57.28437	0.5629	1.617415	1.7581	12.01627
566	47.644	28.4092	47.48902	26.6147	71.50397	1.0437	0.9239	1.2747	11.04938
567	47.644	28.4092	45.81887	26.6147	69.04092	0.9602	1.063575	1.3036	11.10725
568	47.644	28.4092	44.7007	26.6147	67.14676	0.9043	1.185747	1.4118	11.32364
569	47.644	28.4092	43.73195	26.6147	65.14514	0.8559	1.332084	1.5460	11.5921
570	47.644	28.4092	43.4581	26.6147	64.44251	0.8422	1.388469	1.5990	11.69802
571	47.644	28.4092	42.97597	26.6147	62.70591	0.8181	1.541661	1.7462	11.99235
572	47.644	28.4092	42.87035	26.6147	61.87825	0.8128	1.623107	1.8263	12.15261
573	47.644	28.4092	52.04582	26.6147	75.56611	1.2716	0.992899	1.5198	11.53956
574	47.644	28.4092	50.52651	26.6147	73.2398	1.1956	1.121933	1.4761	11.45215
575	47.644	28.4092	49.51477	26.6147	71.45702	1.1450	1.233603	1.5199	11.53971
576	47.644	28.4092	48.64199	26.6147	69.57951	1.1014	1.366204	1.6415	11.78309
577	47.644	28.4092	48.39593	26.6147	68.9221	1.0891	1.417034	1.6893	11.8786
578	47.644	28.4092	47.96347	26.6147	67.30119	1.0674	1.554635	1.8215	12.14299
579	47.644	28.4092	47.86885	26.6147	66.53072	1.0627	1.627611	1.8933	12.28657
580	47.644	28.4092	56.6774	26.6147	79.73491	1.5031	1.050708	1.7658	12.03162
581	47.644	28.4092	55.28552	26.6147	77.53378	1.4335	1.170295	1.7261	11.95223
582	47.644	28.4092	54.36242	26.6147	75.852	1.3874	1.272952	1.7056	11.91125
583	47.644	28.4092	53.56868	26.6147	74.08594	1.3477	1.394058	1.7310	11.96197
584	47.644	28.4092	53.34535	26.6147	73.46887	1.3365	1.440305	1.7744	12.04888
585	47.644	28.4092	61.36683	26.6147	83.99449	1.7376	1.099734	2.0125	12.52508
586	47.644	28.4092	60.08368	26.6147	81.90791	1.6734	1.210963	1.9762	12.45238
587	47.644	28.4092	59.2354	26.6147	80.31777	1.6310	1.305843	1.9575	12.41499
588	47.644	28.4092	58.50781	26.6147	78.65205	1.5947	1.417214	1.9490	12.39792
589	47.644	28.4092	58.3034	26.6147	78.07108	1.5844	1.45962	1.9493	12.39868
590	47.644	28.4092	66.1018	26.6147	88.33172	1.9744	1.141768	2.2598	13.01959
591	47.644	28.4092	64.91231	26.6147	86.35002	1.9149	1.245599	2.2263	12.95256

592	47.644	28.4092	64.12794	26.6147	84.84317	1.8757	1.333725	2.2091	12.91819
593	47.644	28.4092	63.45647	26.6147	83.26803	1.8421	1.436763	2.2013	12.90256
594	47.644	28.4092	63.26805	26.6147	82.71948	1.8327	1.475907	2.2016	12.90329
Total Waktu Pekerjaan Pengangkutan Bekisting									1904.116 menit

Total Waktu Semua Pekerjaan Pengangkutan = 5694.257
menit





**PERHITUNGAN
WAKTU TITIK 1 - 6**

Task	X	Y	$\rho(D)$	$\rho(S1)$	lj	Ta	T ω	Th	Total T
1	52.324	36.9169	64.03671	38.24826	39.13911	1.2894	4.229249	4.5516	14.10321
2	52.324	36.9169	61.71082	38.24826	35.25242	1.1731	4.321986	4.6153	14.23054
3	52.324	36.9169	59.8073	38.24826	31.84966	1.0780	4.410635	4.6801	14.36025
4	52.324	36.9169	57.86846	38.24826	28.10025	0.9810	4.517798	4.7631	14.5261
5	52.324	36.9169	56.46226	38.24826	25.13235	0.9107	4.611266	4.8389	14.67788
6	52.324	36.9169	55.0841	38.24826	21.93364	0.8418	4.723506	4.9340	14.86791
7	52.324	36.9169	54.63385	38.24826	20.80569	0.8193	4.766977	4.9718	14.94359
8	52.324	36.9169	53.62018	38.24826	18.06439	0.7686	4.886154	5.0783	15.15661
9	52.324	36.9169	53.20079	38.24826	16.82829	0.7476	4.950369	5.1373	15.27455
10	52.324	36.9169	52.69241	38.24826	15.23351	0.7222	5.056211	5.2368	15.47353
11	52.324	36.9169	59.22526	38.24826	37.39955	1.0488	4.131647	4.3939	13.78772
12	52.324	36.9169	56.70235	38.24826	33.3105	0.9227	4.22824	4.4589	13.91783
13	52.324	36.9169	54.62457	38.24826	29.68598	0.8188	4.32174	4.5264	14.05289
14	52.324	36.9169	52.49466	38.24826	25.62188	0.7123	4.436229	4.6143	14.22862
15	52.324	36.9169	50.94033	38.24826	22.32692	0.6346	4.53732	4.6960	14.39194
16	52.324	36.9169	49.40838	38.24826	18.65318	0.5580	4.660097	4.7996	14.5992
17	52.324	36.9169	48.90591	38.24826	17.31281	0.5329	4.708019	4.8412	14.68248
18	52.324	36.9169	47.77086	38.24826	13.89888	0.4761	4.84031	4.9593	14.91868
19	52.324	36.9169	47.29962	38.24826	12.2494	0.4526	4.912068	5.0252	15.05042
20	52.324	36.9169	46.72709	38.24826	9.94568	0.4239	5.030907	5.1369	15.27379
21	52.324	36.9169	54.67097	38.24826	36.57858	0.8211	4.017785	4.2231	13.44614
22	52.324	36.9169	51.92725	38.24826	32.38605	0.6839	4.117278	4.2883	13.57653
23	52.324	36.9169	49.65004	38.24826	28.64479	0.5701	4.215088	4.3576	13.71522
24	52.324	36.9169	47.29664	38.24826	24.40793	0.4524	4.33683	4.4499	13.89987
25	52.324	36.9169	45.56535	38.24826	20.92267	0.3659	4.446061	4.5375	14.07505
26	52.324	36.9169	43.846	38.24826	16.94721	0.2799	4.580763	4.6507	14.30147
27	52.324	36.9169	43.279	38.24826	15.45962	0.2515	4.633897	4.6968	14.39356
28	52.324	36.9169	41.99212	38.24826	11.5085	0.1872	4.782013	4.8288	14.65762
29	52.324	36.9169	41.45525	38.24826	9.45063	0.1603	4.863121	4.9032	14.80642
30	52.324	36.9169	40.80079	38.24826	6.179253	0.1276	4.998367	5.0303	15.06055
31	52.324	36.9169	50.40855	38.24826	36.72948	0.6080	3.883684	4.0357	13.07137
32	52.324	36.9169	47.41885	38.24826	32.55638	0.4585	3.984268	4.0989	13.1978
33	52.324	36.9169	44.91363	38.24826	28.83722	0.3333	4.085058	4.1684	13.33675
34	52.324	36.9169	42.29751	38.24826	24.63349	0.2025	4.213166	4.2638	13.52756
35	52.324	36.9169	40.35231	38.24826	21.18536	0.1052	4.330577	4.3569	13.71376
36	52.324	36.9169	38.40025	38.24826	17.27048	0.0076	4.478443	4.4803	13.96069
37	52.324	36.9169	37.75154	38.24826	15.81333	0.0248	4.537649	4.5439	14.08772
38	52.324	36.9169	36.26907	38.24826	11.97944	0.0990	4.705055	4.7298	14.45959
39	52.324	36.9169	35.64611	38.24826	10.01878	0.1301	4.798026	4.8306	14.66111
40	52.324	36.9169	34.88283	38.24826	7.017462	0.1683	4.954682	4.9967	14.9935
41	52.324	36.9169	46.53095	38.24826	37.84331	0.4141	3.726058	3.8296	12.65918
42	52.324	36.9169	43.27417	38.24826	33.80798	0.2513	3.824587	3.8874	12.77482
43	52.324	36.9169	40.51347	38.24826	30.24313	0.1133	3.925623	3.9539	12.90788
44	52.324	36.9169	37.59238	38.24826	26.26539	0.0328	4.057495	4.0657	13.13139
45	52.324	36.9169	35.38949	38.24826	23.06255	0.1429	4.181809	4.2175	13.43509

46	52.324	36.9169	33.14644	38.24826	19.5277	0.2551	4.343031	4.4068	13.81361
47	52.324	36.9169	32.39269	38.24826	18.25166	0.2928	4.408999	4.4822	13.96439
48	52.324	36.9169	30.65212	38.24826	15.0522	0.3798	4.599592	4.6945	14.38909
49	52.324	36.9169	29.91241	38.24826	13.54391	0.4168	4.707791	4.8120	14.62398
50	52.324	36.9169	28.9986	38.24826	11.50245	0.4625	4.893211	5.0088	15.01766
51	52.324	36.9169	45.63339	38.24826	38.26397	0.3693	3.682588	3.7749	12.5498
52	52.324	36.9169	42.30757	38.24826	34.2782	0.2030	3.779907	3.8306	12.6613
53	52.324	36.9169	39.47934	38.24826	30.76788	0.0616	3.880342	3.8957	12.79146
54	52.324	36.9169	36.47552	38.24826	26.86793	0.0886	4.012426	4.0346	13.06917
55	52.324	36.9169	34.20077	38.24826	23.74651	0.2024	4.13798	4.1886	13.37715
56	52.324	36.9169	31.87418	38.24826	20.33092	0.3187	4.302288	4.3820	13.76393
57	52.324	36.9169	31.0896	38.24826	19.1086	0.3579	4.369979	4.4595	13.91893
58	52.324	36.9169	29.27165	38.24826	16.08055	0.4488	4.566944	4.6792	14.3583
59	52.324	36.9169	28.49613	38.24826	14.67832	0.4876	4.679585	4.8015	14.60297
60	52.324	36.9169	27.53536	38.24826	12.81881	0.5356	4.873746	5.0077	15.01532
61	52.324	36.9169	42.88545	38.24826	40.04185	0.2319	3.525155	3.5831	12.16624
62	52.324	36.9169	39.32794	38.24826	36.25207	0.0540	3.615783	3.6293	12.25856
63	52.324	36.9169	36.26809	38.24826	32.9527	0.0990	3.711466	3.7362	12.47244
64	52.324	36.9169	32.97301	38.24826	29.34457	0.2638	3.840866	3.9068	12.81361
65	52.324	36.9169	30.43762	38.24826	26.51631	0.3905	3.967842	4.0655	13.13095
66	52.324	36.9169	27.79783	38.24826	23.50669	0.5225	4.140105	4.2707	13.54147
67	52.324	36.9169	40.56991	38.24826	42.33872	0.1161	3.348002	3.3770	11.75405
68	52.324	36.9169	36.78917	38.24826	38.7741	0.0730	3.426942	3.4452	11.89036
69	52.324	36.9169	33.49821	38.24826	35.70852	0.2375	3.512304	3.5717	12.14336
70	52.324	36.9169	29.89943	38.24826	32.40867	0.4174	3.631391	3.7358	12.4715
71	52.324	36.9169	27.07775	38.24826	29.87194	0.5585	3.752723	3.8924	12.78471
72	52.324	36.9169	24.07229	38.24826	27.23568	0.7088	3.925101	4.1023	13.2046
73	52.324	36.9169	38.76434	38.24826	45.07533	0.0258	3.151933	3.1584	11.31677
74	52.324	36.9169	34.78791	38.24826	41.74504	0.1730	3.213328	3.2566	11.51316
75	52.324	36.9169	31.28716	38.24826	38.91422	0.3481	3.281246	3.3683	11.73652
76	52.324	36.9169	27.39948	38.24826	35.91016	0.5424	3.379005	3.5146	12.02923
77	52.324	36.9169	24.2891	38.24826	33.63853	0.6980	3.482718	3.6572	12.31442
78	52.324	36.9169	20.88615	38.24826	31.32093	0.8681	3.638329	3.8554	12.71071
79	52.324	36.9169	37.54238	38.24826	48.17679	0.0353	2.939969	2.9488	10.89759
80	52.324	36.9169	33.42088	38.24826	45.07623	0.2414	2.978048	3.0384	11.07678
81	52.324	36.9169	29.75974	38.24826	42.46804	0.4244	3.020937	3.1270	11.25409
82	52.324	36.9169	25.64152	38.24826	39.73359	0.6303	3.084299	3.2419	11.48377
83	52.324	36.9169	22.28714	38.24826	37.69308	0.7981	3.153982	3.3535	11.70699
84	52.324	36.9169	18.51991	38.24826	35.64012	0.9864	3.264284	3.5109	12.02178
85	52.324	36.9169	36.96195	38.24826	51.57733	0.0643	2.717609	2.7337	10.46738
86	52.324	36.9169	32.76753	38.24826	48.69378	0.2740	2.728154	2.7967	10.59333
87	52.324	36.9169	29.0241	38.24826	46.28987	0.4612	2.740144	2.8554	10.71089
88	52.324	36.9169	24.78394	38.24826	43.7947	0.6732	2.758109	2.9264	10.85283
89	52.324	36.9169	21.29489	38.24826	41.95219	0.8477	2.778275	2.9902	10.98038
90	52.324	36.9169	17.31309	38.24826	40.11778	1.0468	2.811266	3.0730	11.14591
91	52.324	36.9169	15.82223	38.24826	39.51238	1.1213	2.827916	3.1082	11.21648

92	52.324	36.9169	11.85789	38.24826	38.14019	1.3195	2.892759	3.2226	11.44528
93	52.324	36.9169	9.788225	38.24826	37.57051	1.4230	2.947784	3.3035	11.60707
94	52.324	36.9169	6.478873	38.24826	36.88376	1.5885	3.111066	3.5082	12.01637
95	52.324	36.9169	37.05323	38.24826	55.22173	0.0598	2.492296	2.5072	10.01447
96	52.324	36.9169	32.87046	38.24826	52.53858	0.2689	2.474043	2.5413	10.08253
97	52.324	36.9169	29.14025	38.24826	50.31869	0.4554	2.453322	2.5672	10.13434
98	52.324	36.9169	24.91987	38.24826	48.03326	0.6664	2.422344	2.5889	10.1779
99	52.324	36.9169	21.45294	38.24826	46.35951	0.8398	2.38769	2.5976	10.19526
100	52.324	36.9169	17.50712	38.24826	44.70631	1.0371	2.331313	2.5906	10.18115
101	52.324	36.9169	16.03431	38.24826	44.16386	1.1107	2.30303	2.5807	10.16141
102	52.324	36.9169	12.13942	38.24826	42.94056	1.3054	2.194189	2.5205	10.0411
103	52.324	36.9169	10.12746	38.24826	42.43537	1.4060	2.103738	2.4552	9.910497
104	52.324	36.9169	6.980816	38.24826	41.82858	1.5634	1.848204	2.2390	9.478094
105	52.324	36.9169	37.81135	38.24826	59.06486	0.0218	2.272074	2.2775	9.555071
106	52.324	36.9169	33.72274	38.24826	56.56431	0.2263	2.227185	2.2838	9.567507
107	52.324	36.9169	30.09834	38.24826	54.50861	0.4075	2.176834	2.2787	9.557417
108	52.324	36.9169	26.03374	38.24826	52.40622	0.6107	2.102904	2.2556	9.511172
109	52.324	36.9169	22.73729	38.24826	50.87654	0.7755	2.022303	2.2162	9.43238
110	52.324	36.9169	19.05925	38.24826	49.37482	0.9595	1.896415	2.1363	9.272554
111	52.324	36.9169	17.71596	38.24826	48.88419	1.0266	1.835869	2.0925	9.185045
112	52.324	36.9169	14.28711	38.24826	47.7819	1.1981	1.619928	1.9194	8.838884
113	52.324	36.9169	12.62226	38.24826	47.32842	1.2813	1.461013	1.7813	8.562676
114	52.324	36.9169	10.27073	38.24826	46.78512	1.3989	1.100854	1.6741	8.348181
115	52.324	36.9169	39.19763	38.24826	63.0704	0.0475	2.063965	2.0758	9.151664
116	52.324	36.9169	35.27008	38.24826	60.73499	0.1489	1.997232	2.0345	9.068919
117	52.324	36.9169	31.82242	38.24826	58.82522	0.3213	1.92384	2.0042	9.008326
118	52.324	36.9169	28.00914	38.24826	56.8826	0.5120	1.819064	1.9471	8.894106
119	52.324	36.9169	24.9748	38.24826	55.47649	0.6637	1.709109	1.8750	8.750056
120	52.324	36.9169	21.67974	38.24826	54.10259	0.8284	1.546629	1.7537	8.507472
121	52.324	36.9169	20.50881	38.24826	53.65522	0.8870	1.472522	1.6943	8.388531
122	52.324	36.9169	17.63172	38.24826	52.6529	1.0308	1.228745	1.4865	7.972903
123	52.324	36.9169	16.31188	38.24826	52.24172	1.0968	1.068157	1.3639	7.727717
124	52.324	36.9169	14.56859	38.24826	51.75003	1.1840	0.752087	1.3720	7.744011
125	52.324	36.9169	41.14863	38.24826	67.20933	0.1450	1.872812	1.9091	8.818133
126	52.324	36.9169	37.42639	38.24826	65.02274	0.0411	1.79016	1.8004	8.600867
127	52.324	36.9169	34.19681	38.24826	63.24258	0.2026	1.701361	1.7520	8.504007
128	52.324	36.9169	30.68009	38.24826	61.43979	0.3784	1.578538	1.6731	8.346281
129	52.324	36.9169	27.93737	38.24826	60.14032	0.5155	1.454723	1.5836	8.167218
130	52.324	36.9169	25.03532	38.24826	58.87536	0.6606	1.281169	1.4463	7.892662
131	52.324	36.9169	24.02846	38.24826	58.46452	0.7110	1.205608	1.3834	7.766711
132	52.324	36.9169	21.62484	38.24826	57.54603	0.8312	0.971646	1.1794	7.358877
133	52.324	36.9169	20.56291	38.24826	57.17005	0.8843	0.828409	1.0914	7.18274
134	52.324	36.9169	19.20937	38.24826	56.72111	0.9519	0.566587	1.0936	7.187183
135	52.324	36.9169	43.5886	38.24826	71.45846	0.2670	1.700987	1.7677	8.535483
136	52.324	36.9169	40.09353	38.24826	69.40587	0.0923	1.608106	1.6312	8.262344
137	52.324	36.9169	37.09688	38.24826	67.741	0.0576	1.510664	1.5251	8.050113

138	52.324	36.9169	33.8825	38.24826	66.06108	0.2183	1.379926	1.4345	7.868997
139	52.324	36.9169	31.42058	38.24826	64.85427	0.3414	1.252813	1.3382	7.676318
140	52.324	36.9169	28.8708	38.24826	63.68301	0.4689	1.082199	1.1994	7.398834
141	52.324	36.9169	28.0022	38.24826	63.30338	0.5123	1.010509	1.1386	7.277171
142	52.324	36.9169	25.96901	38.24826	62.4561	0.6140	0.797462	0.9510	6.901906
143	52.324	36.9169	25.09162	38.24826	62.10985	0.6578	0.672862	0.8373	6.67464
144	52.324	36.9169	23.99491	38.24826	61.69685	0.7127	0.454107	0.8262	6.652389
145	52.324	36.9169	45.25418	38.24826	74.05166	0.3503	1.607409	1.6950	8.389966
146	52.324	36.9169	41.89828	38.24826	72.07296	0.1825	1.51072	1.5563	8.11269
147	52.324	36.9169	39.0404	38.24826	70.47113	0.0396	1.41065	1.4206	7.841104
148	52.324	36.9169	35.99998	38.24826	68.85785	0.1124	1.278597	1.3067	7.613402
149	52.324	36.9169	33.69314	38.24826	67.70092	0.2278	1.152597	1.2095	7.419073
150	52.324	36.9169	31.32887	38.24826	66.57976	0.3460	0.987021	1.0735	7.147027
151	52.324	36.9169	30.53028	38.24826	66.21674	0.3859	0.918589	1.0151	7.030128
152	52.324	36.9169	28.6769	38.24826	65.4072	0.4786	0.718806	0.8384	6.676897
153	52.324	36.9169	27.88484	38.24826	65.07665	0.5182	0.604154	0.7337	6.467394
154	52.324	36.9169	26.90225	38.24826	64.6826	0.5673	0.405971	0.6688	6.337587
155	52.324	36.9169	40.40958	38.24826	72.30533	0.1081	1.349386	1.3764	7.752806
156	52.324	36.9169	37.48039	38.24826	70.73389	0.0384	1.217477	1.2271	7.454151
157	52.324	36.9169	35.27051	38.24826	69.60815	0.1489	1.093028	1.1303	7.260501
158	52.324	36.9169	33.01938	38.24826	68.5182	0.2614	0.931492	0.9969	6.993706
159	52.324	36.9169	32.26266	38.24826	68.16551	0.2993	0.865353	0.9402	6.880346
160	52.324	36.9169	30.51468	38.24826	67.37939	0.3867	0.674136	0.7708	6.541611
161	52.324	36.9169	29.77155	38.24826	67.05856	0.4238	0.565509	0.6715	6.342935
162	52.324	36.9169	28.85328	38.24826	66.67623	0.4697	0.379253	0.5646	6.129125
163	52.324	36.9169	44.04191	38.24826	76.92385	0.2897	1.213603	1.2860	7.572047
164	52.324	36.9169	41.37071	38.24826	75.44867	0.1561	1.084501	1.1235	7.247063
165	52.324	36.9169	39.37975	38.24826	74.3943	0.0566	0.96561	0.9798	6.959506
166	52.324	36.9169	37.37693	38.24826	73.37549	0.0436	0.815147	0.8260	6.652076
167	52.324	36.9169	36.71015	38.24826	73.04625	0.0769	0.754687	0.7739	6.547827
168	52.324	36.9169	35.18382	38.24826	72.31321	0.1532	0.583147	0.6215	6.242905
169	52.324	36.9169	34.5413	38.24826	72.01437	0.1853	0.48755	0.5339	6.067775
170	52.324	36.9169	47.92125	38.24826	81.58735	0.4836	1.09914	1.2201	7.440104
171	52.324	36.9169	45.47848	38.24826	80.198	0.3615	0.974948	1.0653	7.130652
172	52.324	36.9169	43.67517	38.24826	79.20688	0.2713	0.862746	0.9306	6.861164
173	52.324	36.9169	41.87829	38.24826	78.25075	0.1815	0.723441	0.7688	6.537633
174	52.324	36.9169	41.28427	38.24826	77.94211	0.1518	0.668229	0.7062	6.412359
175	52.324	36.9169	39.93316	38.24826	77.25554	0.0842	0.513633	0.5347	6.069388
176	52.324	36.9169	39.36823	38.24826	76.97589	0.0560	0.428605	0.4426	5.885209
177	52.324	36.9169	51.99233	38.24826	86.28855	0.6872	1.002201	1.1740	7.348005
178	52.324	36.9169	49.74985	38.24826	84.9761	0.5751	0.883867	1.0276	7.055274
179	52.324	36.9169	48.10693	38.24826	84.04135	0.4929	0.77856	0.9018	6.803587
180	52.324	36.9169	46.48169	38.24826	83.14083	0.4117	0.649712	0.7526	6.505259
181	52.324	36.9169	45.94722	38.24826	82.85041	0.3849	0.599164	0.6954	6.390802
182	52.324	36.9169	44.73716	38.24826	82.20484	0.3244	0.458969	0.5401	6.080161
183	52.324	36.9169	44.23362	38.24826	81.94208	0.2993	0.382579	0.4574	5.914792

184	52.324	36.9169	56.2135	38.24826	91.0216	0.8983	0.919576	1.1441	7.288282
185	52.324	36.9169	54.14613	38.24826	89.77837	0.7949	0.807378	1.0061	7.012202
186	52.324	36.9169	52.6406	38.24826	88.89413	0.7196	0.708722	0.8968	6.793594
187	52.324	36.9169	51.15959	38.24826	88.04326	0.6456	0.589365	0.7929	6.585815
188	52.324	36.9169	50.67448	38.24826	87.76906	0.6213	0.542902	0.7570	6.514073
189	52.324	36.9169	60.5534	38.24826	95.78179	1.1153	0.848639	1.3274	7.654833
190	52.324	36.9169	58.63923	38.24826	94.60113	1.0195	0.74249	1.2052	7.410342
191	52.324	36.9169	57.25197	38.24826	93.76238	0.9502	0.650044	1.1127	7.225393
192	52.324	36.9169	55.89328	38.24826	92.95609	0.8823	0.539183	1.0170	7.034093
193	52.324	36.9169	55.44961	38.24826	92.69642	0.8601	0.496285	0.9841	6.968277
194	52.324	36.9169	64.98823	38.24826	100.5652	1.3370	0.787285	1.5338	8.067639
195	52.324	36.9169	63.20851	38.24826	99.4414	1.2480	0.686909	1.4197	7.839479
196	52.324	36.9169	61.9237	38.24826	98.64382	1.1838	0.600166	1.3338	7.667627
197	52.324	36.9169	60.66972	38.24826	97.87774	1.1211	0.496869	1.2453	7.49058
198	52.324	36.9169	60.26122	38.24826	97.63117	1.1006	0.457085	1.2149	7.429838
Total Waktu Pekerjaan Pengangkutan Besi									2057.655 menit

Task	X	Y	$\rho(D)$	$\rho(S2)$	lj	Ta	Tw	Th	Total T
199	52.324	36.9169	64.03671	41.15954	52.58502	1.1439	3.638438	3.9244	13.34881
200	52.324	36.9169	61.71082	41.15954	48.53936	1.0276	3.731176	3.9881	13.47613
201	52.324	36.9169	59.8073	41.15954	44.9513	0.9324	3.819825	4.0529	13.60584
202	52.324	36.9169	57.86846	41.15954	40.91995	0.8354	3.926988	4.1358	13.7717
203	52.324	36.9169	56.46226	41.15954	37.63607	0.7651	4.020456	4.2117	13.92348
204	52.324	36.9169	55.0841	41.15954	33.93622	0.6962	4.132695	4.3068	14.1135
205	52.324	36.9169	54.63385	41.15954	32.56704	0.6737	4.176167	4.3446	14.18919
206	52.324	36.9169	53.62018	41.15954	28.97927	0.6230	4.295344	4.4511	14.4022
207	52.324	36.9169	53.20079	41.15954	27.14187	0.6021	4.359558	4.5101	14.52015
208	52.324	36.9169	52.69241	41.15954	24.25757	0.5766	4.4654	4.6096	14.71912
209	52.324	36.9169	59.22526	41.15954	51.36206	0.9033	3.540837	3.7667	13.03332
210	52.324	36.9169	56.70235	41.15954	47.21172	0.7771	3.63743	3.8317	13.16343
211	52.324	36.9169	54.62457	41.15954	43.51432	0.6733	3.730929	3.8992	13.29848
212	52.324	36.9169	52.49466	41.15954	39.33598	0.5668	3.845419	3.9871	13.47422
213	52.324	36.9169	50.94033	41.15954	35.90752	0.4890	3.946509	4.0688	13.63754
214	52.324	36.9169	49.40838	41.15954	32.00849	0.4124	4.069287	4.1724	13.84479
215	52.324	36.9169	48.90591	41.15954	30.55304	0.3873	4.117208	4.2140	13.92808
216	52.324	36.9169	47.77086	41.15954	26.69597	0.3306	4.249499	4.3321	14.16428
217	52.324	36.9169	47.29962	41.15954	24.68922	0.3070	4.321258	4.3980	14.29602
218	52.324	36.9169	46.72709	41.15954	21.47804	0.2784	4.440097	4.5097	14.51938
219	52.324	36.9169	54.67097	41.15954	50.82639	0.6756	3.426975	3.5959	12.69174
220	52.324	36.9169	51.92725	41.15954	46.6284	0.5384	3.526468	3.6611	12.82213
221	52.324	36.9169	49.65004	41.15954	42.88073	0.4245	3.624278	3.7304	12.96082
222	52.324	36.9169	47.29664	41.15954	38.63392	0.3069	3.74602	3.8227	13.14547
223	52.324	36.9169	45.56535	41.15954	35.13703	0.2203	3.85525	3.9103	13.32065
224	52.324	36.9169	43.846	41.15954	31.14169	0.1343	3.989952	4.0235	13.54707
225	52.324	36.9169	43.279	41.15954	29.64371	0.1060	4.043086	4.0696	13.63916

226	52.324	36.9169	41.99212	41.15954	25.65026	0.0416	4.191203	4.2016	13.90322
227	52.324	36.9169	41.45525	41.15954	23.55459	0.0148	4.27231	4.2760	14.05201
228	52.324	36.9169	40.80079	41.15954	20.16351	0.0179	4.407556	4.4120	14.32408
229	52.324	36.9169	50.40855	41.15954	50.99403	0.4625	3.292873	3.4085	12.31697
230	52.324	36.9169	47.41885	41.15954	46.81107	0.3130	3.393458	3.4717	12.4434
231	52.324	36.9169	44.91363	41.15954	43.0793	0.1877	3.494248	3.5412	12.58235
232	52.324	36.9169	42.29751	41.15954	38.8542	0.0569	3.622356	3.6366	12.77316
233	52.324	36.9169	40.35231	41.15954	35.37909	0.0404	3.739767	3.7499	12.99971
234	52.324	36.9169	38.40025	41.15954	31.41454	0.1380	3.887633	3.9221	13.34425
235	52.324	36.9169	37.75154	41.15954	29.93022	0.1704	3.946839	3.9894	13.47888
236	52.324	36.9169	36.26907	41.15954	25.98085	0.2445	4.114245	4.1754	13.85075
237	52.324	36.9169	35.64611	41.15954	23.91417	0.2757	4.207216	4.2761	14.05227
238	52.324	36.9169	34.88283	41.15954	20.58242	0.3138	4.363871	4.4423	14.38466
239	52.324	36.9169	46.53095	41.15954	51.86	0.2686	3.135248	3.2024	11.90478
240	52.324	36.9169	43.27417	41.15954	47.75296	0.1057	3.233776	3.2602	12.02042
241	52.324	36.9169	40.51347	41.15954	44.10096	0.0323	3.334813	3.3429	12.18578
242	52.324	36.9169	37.59238	41.15954	39.98397	0.1784	3.466685	3.5113	12.52255
243	52.324	36.9169	35.38949	41.15954	36.61624	0.2885	3.590998	3.6631	12.82625
244	52.324	36.9169	33.14644	41.15954	32.80156	0.4007	3.752221	3.8524	13.20477
245	52.324	36.9169	32.39269	41.15954	31.38291	0.4383	3.818188	3.9278	13.35555
246	52.324	36.9169	30.65212	41.15954	27.64188	0.5254	4.008782	4.1401	13.78025
247	52.324	36.9169	29.91241	41.15954	25.70907	0.5624	4.116981	4.2576	14.01514
248	52.324	36.9169	28.9986	41.15954	22.64298	0.6080	4.302401	4.4544	14.40882
249	52.324	36.9169	45.63339	41.15954	52.18215	0.2237	3.091778	3.1477	11.7954
250	52.324	36.9169	42.30757	41.15954	48.10262	0.0574	3.189096	3.2034	11.90689
251	52.324	36.9169	39.47934	41.15954	44.47934	0.0840	3.289531	3.3105	12.12107
252	52.324	36.9169	36.47552	41.15954	40.40093	0.2342	3.421615	3.4802	12.46033
253	52.324	36.9169	34.20077	41.15954	37.07109	0.3479	3.54717	3.6342	12.76831
254	52.324	36.9169	31.87418	41.15954	33.30855	0.4643	3.711477	3.8275	13.15509
255	52.324	36.9169	31.0896	41.15954	31.91245	0.5035	3.779169	3.9050	13.31009
256	52.324	36.9169	29.27165	41.15954	28.24165	0.5944	3.976133	4.1247	13.74946
257	52.324	36.9169	28.49613	41.15954	26.35287	0.6332	4.088774	4.2471	13.99413
258	52.324	36.9169	27.53536	41.15954	23.37139	0.6812	4.282936	4.4532	14.40648
259	52.324	36.9169	42.88545	41.15954	53.54625	0.0863	2.934344	2.9559	11.41184
260	52.324	36.9169	39.32794	41.15954	49.57909	0.0916	3.024973	3.0479	11.59574
261	52.324	36.9169	36.26809	41.15954	46.07207	0.2446	3.120656	3.1818	11.8636
262	52.324	36.9169	32.97301	41.15954	42.14806	0.4093	3.250055	3.3524	12.20477
263	52.324	36.9169	30.43762	41.15954	38.96781	0.5361	3.377032	3.5111	12.52211
264	52.324	36.9169	27.79783	41.15954	35.40739	0.6681	3.549295	3.7163	12.93263
265	52.324	36.9169	40.56991	41.15954	55.33014	0.0295	2.757192	2.7646	11.02912
266	52.324	36.9169	36.78917	41.15954	51.50058	0.2185	2.836131	2.8908	11.28152
267	52.324	36.9169	33.49821	41.15954	48.13377	0.3831	2.921494	3.0173	11.53452
268	52.324	36.9169	29.89943	41.15954	44.39237	0.5630	3.040581	3.1813	11.86266
269	52.324	36.9169	27.07775	41.15954	41.38495	0.7041	3.161913	3.3379	12.17587
270	52.324	36.9169	24.07229	41.15954	38.05138	0.8544	3.334291	3.5479	12.59576
271	52.324	36.9169	38.76434	41.15954	57.49477	0.1198	2.561122	2.5911	10.68212

272	52.324	36.9169	34.78791	41.15954	53.81946	0.3186	2.622517	2.7022	10.90433
273	52.324	36.9169	31.28716	41.15954	50.60715	0.4936	2.690435	2.8138	11.12768
274	52.324	36.9169	27.39948	41.15954	47.0628	0.6880	2.788195	2.9602	11.42039
275	52.324	36.9169	24.2891	41.15954	44.23729	0.8435	2.891908	3.1028	11.70558
276	52.324	36.9169	20.88615	41.15954	41.13552	1.0137	3.047518	3.3009	12.10187
277	52.324	36.9169	37.54238	41.15954	59.99894	0.1809	2.349159	2.3944	10.28875
278	52.324	36.9169	33.42088	41.15954	56.4868	0.3869	2.387237	2.4840	10.46794
279	52.324	36.9169	29.75974	41.15954	53.43508	0.5700	2.430126	2.5726	10.64525
280	52.324	36.9169	25.64152	41.15954	50.09123	0.7759	2.493489	2.6875	10.87493
281	52.324	36.9169	22.28714	41.15954	47.44641	0.9436	2.563171	2.7991	11.09815
282	52.324	36.9169	18.51991	41.15954	44.56855	1.1320	2.673474	2.9565	11.41294
283	52.324	36.9169	36.96195	41.15954	62.80204	0.2099	2.126799	2.1793	9.858537
284	52.324	36.9169	32.76753	41.15954	59.45572	0.4196	2.137344	2.2422	9.984487
285	52.324	36.9169	29.0241	41.15954	56.5644	0.6068	2.149333	2.3010	10.10205
286	52.324	36.9169	24.78394	41.15954	53.4168	0.8188	2.167299	2.3720	10.24399
287	52.324	36.9169	21.29489	41.15954	50.94493	0.9932	2.187464	2.4358	10.37154
288	52.324	36.9169	17.31309	41.15954	48.27607	1.1923	2.220455	2.5185	10.53707
289	52.324	36.9169	15.82223	41.15954	47.32361	1.2669	2.237106	2.5538	10.60764
290	52.324	36.9169	11.85789	41.15954	44.93006	1.4651	2.301949	2.6682	10.83644
291	52.324	36.9169	9.788225	41.15954	43.76749	1.5686	2.356973	2.7491	10.99823
292	52.324	36.9169	6.478873	41.15954	42.03977	1.7340	2.520256	2.9538	11.40753
293	52.324	36.9169	37.05323	41.15954	65.86593	0.2053	1.901485	1.9528	9.405629
294	52.324	36.9169	32.87046	41.15954	62.68338	0.4145	1.883233	1.9868	9.473693
295	52.324	36.9169	29.14025	41.15954	59.94794	0.6010	1.862512	2.0128	9.525506
296	52.324	36.9169	24.91987	41.15954	56.98753	0.8120	1.831534	2.0345	9.56906
297	52.324	36.9169	21.45294	41.15954	54.67733	0.9853	1.79688	2.0432	9.586425
298	52.324	36.9169	17.50712	41.15954	52.19965	1.1826	1.740503	2.0362	9.572316
299	52.324	36.9169	16.03431	41.15954	51.32006	1.2563	1.71222	2.0263	9.55257
300	52.324	36.9169	12.13942	41.15954	49.12163	1.4510	1.603378	1.9661	9.432259
301	52.324	36.9169	10.12746	41.15954	48.06056	1.5516	1.512928	1.9298	9.359672
302	52.324	36.9169	6.980816	41.15954	46.49264	1.7089	1.257393	2.0233	9.546569
303	52.324	36.9169	37.81135	41.15954	69.15594	0.1674	1.681264	1.7231	8.946232
304	52.324	36.9169	33.72274	41.15954	66.13191	0.3718	1.636374	1.7293	8.958668
305	52.324	36.9169	30.09834	41.15954	63.5451	0.5531	1.586024	1.7243	8.948578
306	52.324	36.9169	26.03374	41.15954	60.76021	0.7563	1.512094	1.7012	8.902333
307	52.324	36.9169	22.73729	41.15954	58.59892	0.9211	1.431493	1.6618	8.823541
308	52.324	36.9169	19.05925	41.15954	56.29411	1.1050	1.305604	1.5819	8.663715
309	52.324	36.9169	17.71596	41.15954	55.47948	1.1722	1.245058	1.5381	8.576206
310	52.324	36.9169	14.28711	41.15954	53.4524	1.3436	1.029117	1.6009	8.701802
311	52.324	36.9169	12.62226	41.15954	52.47896	1.4269	0.870202	1.6444	8.78883
312	52.324	36.9169	10.27073	41.15954	51.04694	1.5444	0.510043	1.6720	8.843903
313	52.324	36.9169	39.19763	41.15954	72.64137	0.0981	1.473155	1.4977	8.495357
314	52.324	36.9169	35.27008	41.15954	69.76858	0.2945	1.406422	1.4800	8.46008
315	52.324	36.9169	31.82242	41.15954	67.32164	0.4669	1.333029	1.4497	8.399487
316	52.324	36.9169	28.00914	41.15954	64.69951	0.6575	1.228254	1.3926	8.285267
317	52.324	36.9169	24.9748	41.15954	62.67422	0.8092	1.118299	1.3206	8.141217

318	52.324	36.9169	21.67974	41.15954	60.5248	0.9740	0.955819	1.2129	7.925889
319	52.324	36.9169	20.50881	41.15954	59.76785	1.0325	0.881712	1.2530	8.005929
320	52.324	36.9169	17.63172	41.15954	57.89113	1.1764	0.637934	1.3359	8.171749
321	52.324	36.9169	16.31188	41.15954	56.99356	1.2424	0.477347	1.3617	8.22344
322	52.324	36.9169	14.56859	41.15954	55.67777	1.3295	0.161277	1.3699	8.239734
323	52.324	36.9169	41.14863	41.15954	76.29543	0.0005	1.282001	1.2821	8.064276
324	52.324	36.9169	37.42639	41.15954	73.56547	0.1867	1.19935	1.2460	7.992028
325	52.324	36.9169	34.19681	41.15954	71.24905	0.3481	1.11055	1.1976	7.895168
326	52.324	36.9169	30.68009	41.15954	68.77682	0.5240	0.987728	1.1187	7.737442
327	52.324	36.9169	27.93737	41.15954	66.87512	0.6611	0.863912	1.0292	7.558379
328	52.324	36.9169	25.03532	41.15954	64.86506	0.8062	0.690359	0.9788	7.457602
329	52.324	36.9169	24.02846	41.15954	64.15933	0.8566	0.614798	1.0103	7.520506
330	52.324	36.9169	21.62484	41.15954	62.4148	0.9767	0.380835	1.0719	7.643888
331	52.324	36.9169	20.56291	41.15954	61.58319	1.0298	0.237599	1.0892	7.678462
332	52.324	36.9169	19.20937	41.15954	60.36752	1.0975	0.024224	1.1036	7.707129
333	52.324	36.9169	43.5886	41.15954	80.09505	0.1215	1.110177	1.1405	7.78108
334	52.324	36.9169	40.09353	41.15954	77.49905	0.0533	1.017296	1.0306	7.561242
335	52.324	36.9169	37.09688	41.15954	75.30373	0.2031	0.919854	0.9706	7.441274
336	52.324	36.9169	33.8825	41.15954	72.969	0.3639	0.789116	0.8801	7.260158
337	52.324	36.9169	31.42058	41.15954	71.17939	0.4869	0.662002	0.7837	7.067479
338	52.324	36.9169	28.8708	41.15954	69.2943	0.6144	0.491388	0.7373	6.974568
339	52.324	36.9169	28.0022	41.15954	68.63413	0.6579	0.419699	0.7628	7.025584
340	52.324	36.9169	25.96901	41.15954	67.0062	0.7595	0.206652	0.8112	7.122379
341	52.324	36.9169	25.09162	41.15954	66.23227	0.8034	0.082052	0.8239	7.147818
342	52.324	36.9169	23.99491	41.15954	65.10347	0.8582	0.136704	0.8924	7.284815
343	52.324	36.9169	45.25418	41.15954	82.43516	0.2047	1.016599	1.0678	7.635563
344	52.324	36.9169	41.89828	41.15954	79.91522	0.0369	0.919909	0.9291	7.358287
345	52.324	36.9169	39.0404	41.15954	77.78812	0.1060	0.81984	0.8463	7.192658
346	52.324	36.9169	35.99998	41.15954	75.53022	0.2580	0.687787	0.7523	7.004563
347	52.324	36.9169	33.69314	41.15954	73.80275	0.3733	0.561787	0.6551	6.810234
348	52.324	36.9169	31.32887	41.15954	71.98638	0.4915	0.396211	0.5906	6.681172
349	52.324	36.9169	30.53028	41.15954	71.35113	0.5315	0.327779	0.6134	6.726815
350	52.324	36.9169	28.6769	41.15954	69.78661	0.6241	0.127996	0.6561	6.812262
351	52.324	36.9169	27.88484	41.15954	69.04385	0.6637	0.013344	0.6671	6.834142
352	52.324	36.9169	26.90225	41.15954	67.96177	0.7129	0.184839	0.7591	7.018149
353	52.324	36.9169	40.40958	41.15954	79.46619	0.0375	0.758576	0.7680	7.035901
354	52.324	36.9169	37.48039	41.15954	77.25735	0.1840	0.626667	0.6727	6.845312
355	52.324	36.9169	35.27051	41.15954	75.56937	0.2945	0.502218	0.5758	6.651662
356	52.324	36.9169	33.01938	41.15954	73.7965	0.4070	0.340681	0.4922	6.484357
357	52.324	36.9169	32.26266	41.15954	73.17697	0.4448	0.274542	0.5135	6.526959
358	52.324	36.9169	30.51468	41.15954	71.65232	0.5322	0.083325	0.5531	6.606149
359	52.324	36.9169	29.77155	41.15954	70.9291	0.5694	0.025302	0.5757	6.65145
360	52.324	36.9169	28.85328	41.15954	69.87622	0.6153	0.211557	0.6682	6.836404
361	52.324	36.9169	44.04191	41.15954	83.72037	0.1441	0.622792	0.6588	6.817644
362	52.324	36.9169	41.37071	41.15954	81.62673	0.0106	0.493691	0.4963	6.492661
363	52.324	36.9169	39.37975	41.15954	80.03096	0.0890	0.374799	0.3970	6.294093

364	52.324	36.9169	37.37693	41.15954	78.35909	0.1891	0.224336	0.2716	6.043237
365	52.324	36.9169	36.71015	41.15954	77.77591	0.2225	0.163877	0.2634	6.026877
366	52.324	36.9169	35.18382	41.15954	76.34316	0.2988	0.007663	0.3007	6.101403
367	52.324	36.9169	34.5413	41.15954	75.6648	0.3309	0.10326	0.3567	6.213454
368	52.324	36.9169	47.92125	41.15954	88.05296	0.3381	0.508329	0.5929	6.685701
369	52.324	36.9169	45.47848	41.15954	86.06478	0.2159	0.384138	0.4381	6.376249
370	52.324	36.9169	43.67517	41.15954	84.55281	0.1258	0.271935	0.3034	6.106762
371	52.324	36.9169	41.87829	41.15954	82.97211	0.0359	0.132631	0.1416	5.78323
372	52.324	36.9169	41.28427	41.15954	82.42158	0.0062	0.077419	0.0790	5.657956
373	52.324	36.9169	39.93316	41.15954	81.07097	0.0613	0.077177	0.0925	5.685014
374	52.324	36.9169	39.36823	41.15954	80.43249	0.0896	0.162206	0.1846	5.869194
375	52.324	36.9169	51.99233	41.15954	92.45295	0.5416	0.411391	0.6445	6.788974
376	52.324	36.9169	49.74985	41.15954	90.56142	0.4295	0.293057	0.5028	6.50556
377	52.324	36.9169	48.10693	41.15954	89.12576	0.3474	0.18775	0.3943	6.288614
378	52.324	36.9169	46.48169	41.15954	87.62759	0.2661	0.058901	0.2808	6.061665
379	52.324	36.9169	45.94722	41.15954	87.10649	0.2394	0.008353	0.2415	5.982945
380	52.324	36.9169	44.73716	41.15954	85.82964	0.1789	0.131841	0.2118	5.923683
381	52.324	36.9169	44.23362	41.15954	85.22681	0.1537	0.208231	0.2467	5.993315
382	52.324	36.9169	56.2135	41.15954	96.91115	0.7527	0.328765	0.8349	7.169779
383	52.324	36.9169	54.14613	41.15954	95.10833	0.6493	0.216567	0.7035	6.906943
384	52.324	36.9169	52.6406	41.15954	93.74234	0.5741	0.117912	0.6035	6.707062
385	52.324	36.9169	51.15959	41.15954	92.31912	0.5000	0.001445	0.5004	6.500727
386	52.324	36.9169	50.67448	41.15954	91.82464	0.4757	0.047908	0.4877	6.475448
387	52.324	36.9169	60.5534	41.15954	101.4199	0.9697	0.257829	1.0342	7.5683
388	52.324	36.9169	58.63923	41.15954	99.69864	0.8740	0.15168	0.9119	7.323809
389	52.324	36.9169	57.25197	41.15954	98.39639	0.8046	0.059234	0.8194	7.13886
390	52.324	36.9169	55.89328	41.15954	97.04145	0.7367	0.051627	0.7496	6.999188
391	52.324	36.9169	55.44961	41.15954	96.57116	0.7145	0.094526	0.7381	6.97627
392	52.324	36.9169	64.98823	41.15954	105.9727	1.1914	0.196475	1.2406	7.981106
393	52.324	36.9169	63.20851	41.15954	104.3266	1.1024	0.096099	1.1265	7.752946
394	52.324	36.9169	61.9237	41.15954	103.0828	1.0382	0.009356	1.0405	7.581094
395	52.324	36.9169	60.66972	41.15954	101.7903	0.9755	0.093941	0.9990	7.497989
396	52.324	36.9169	60.26122	41.15954	101.3421	0.9551	0.133726	0.9885	7.477031
Total Waktu Pekerjaan Pengangkutan <i>Scaffolding</i>									1961.555 menit

Task	X	Y	$\rho(D)$	$\rho(S3)$	lj	Ta	Tw	Th	Total T
397	52.324	36.9169	64.03671	23.58578	60.71929	2.0225	3.162932	3.6686	15.83714
398	52.324	36.9169	61.71082	23.58578	57.25143	1.9063	3.25567	3.7322	15.96447
399	52.324	36.9169	59.8073	23.58578	54.24282	1.8111	3.344319	3.7971	16.09418
400	52.324	36.9169	57.86846	23.58578	50.95209	1.7141	3.451482	3.8800	16.26003
401	52.324	36.9169	56.46226	23.58578	48.35446	1.6438	3.544949	3.9559	16.41181
402	52.324	36.9169	55.0841	23.58578	45.53411	1.5749	3.657189	4.0509	16.60184
403	52.324	36.9169	54.63385	23.58578	44.52306	1.5524	3.700661	4.0888	16.67752
404	52.324	36.9169	53.62018	23.58578	41.97019	1.5017	3.819838	4.1953	16.89054
405	52.324	36.9169	53.20079	23.58578	40.72326	1.4808	3.884052	4.2542	17.00848

406	52.324	36.9169	52.69241	23.58578	38.86051	1.4553	3.989894	4.3537	17.20745
407	52.324	36.9169	59.22526	23.58578	57.64584	1.7820	3.065331	3.5108	15.52165
408	52.324	36.9169	56.70235	23.58578	53.9809	1.6558	3.161923	3.5759	15.65176
409	52.324	36.9169	54.62457	23.58578	50.77888	1.5519	3.255423	3.6434	15.78682
410	52.324	36.9169	52.49466	23.58578	47.2475	1.4454	3.369913	3.7313	15.96255
411	52.324	36.9169	50.94033	23.58578	44.43382	1.3677	3.471003	3.8129	16.12587
412	52.324	36.9169	49.40838	23.58578	41.34689	1.2911	3.593781	3.9166	16.33313
413	52.324	36.9169	48.90591	23.58578	40.23075	1.2660	3.641702	3.9582	16.41641
414	52.324	36.9169	47.77086	23.58578	37.38593	1.2093	3.773993	4.0763	16.65261
415	52.324	36.9169	47.29962	23.58578	35.98048	1.1857	3.845752	4.1422	16.78435
416	52.324	36.9169	46.72709	23.58578	33.85779	1.1571	3.964591	4.2539	17.00771
417	52.324	36.9169	54.67097	23.58578	55.06939	1.5543	2.951469	3.3400	15.18007
418	52.324	36.9169	51.92725	23.58578	51.22043	1.4171	3.050962	3.4052	15.31046
419	52.324	36.9169	49.65004	23.58578	47.83398	1.3032	3.148771	3.4746	15.44915
420	52.324	36.9169	47.29664	23.58578	44.06723	1.1855	3.270514	3.5669	15.6338
421	52.324	36.9169	45.56535	23.58578	41.03607	1.0990	3.379744	3.6545	15.80898
422	52.324	36.9169	43.846	23.58578	37.67174	1.0130	3.514446	3.7677	16.0354
423	52.324	36.9169	43.279	23.58578	36.44322	0.9847	3.56758	3.8137	16.12749
424	52.324	36.9169	41.99212	23.58578	33.27616	0.9203	3.715697	3.9458	16.39155
425	52.324	36.9169	41.45525	23.58578	31.68895	0.8935	3.796804	4.0202	16.54034
426	52.324	36.9169	40.80079	23.58578	29.25654	0.8608	3.93205	4.1472	16.79447
427	52.324	36.9169	50.40855	23.58578	53.04282	1.3411	2.817367	3.1527	14.8053
428	52.324	36.9169	47.41885	23.58578	49.03504	1.1917	2.917952	3.2159	14.93173
429	52.324	36.9169	44.91363	23.58578	45.48617	1.0664	3.018742	3.2853	15.07068
430	52.324	36.9169	42.29751	23.58578	41.50691	0.9356	3.14685	3.3807	15.26149
431	52.324	36.9169	40.35231	23.58578	38.27351	0.8383	3.26426	3.4738	15.44768
432	52.324	36.9169	38.40025	23.58578	34.64193	0.7407	3.412126	3.5973	15.69461
433	52.324	36.9169	37.75154	23.58578	33.30182	0.7083	3.471332	3.6484	15.79681
434	52.324	36.9169	36.26907	23.58578	29.80278	0.6342	3.638738	3.7973	16.09456
435	52.324	36.9169	35.64611	23.58578	28.0195	0.6030	3.731709	3.8825	16.26493
436	52.324	36.9169	34.88283	23.58578	25.23584	0.5649	3.888365	4.0296	16.55916
437	52.324	36.9169	46.53095	23.58578	51.63762	1.1473	2.659742	2.9466	14.39311
438	52.324	36.9169	43.27417	23.58578	47.51145	0.9844	2.75827	3.0044	14.50875
439	52.324	36.9169	40.51347	23.58578	43.83942	0.8464	2.859307	3.0709	14.64181
440	52.324	36.9169	37.59238	23.58578	39.69542	0.7003	2.991179	3.1663	14.83252
441	52.324	36.9169	35.38949	23.58578	36.30103	0.5902	3.115492	3.2630	15.02608
442	52.324	36.9169	33.14644	23.58578	32.44944	0.4780	3.276714	3.3962	15.29245
443	52.324	36.9169	32.39269	23.58578	31.01474	0.4403	3.342682	3.4528	15.40554
444	52.324	36.9169	30.65212	23.58578	27.2233	0.3533	3.533276	3.6216	15.74321
445	52.324	36.9169	29.91241	23.58578	25.25857	0.3163	3.641475	3.7206	15.94111
446	52.324	36.9169	28.9986	23.58578	22.13031	0.2706	3.826894	3.8946	16.28911
447	52.324	36.9169	45.63339	23.58578	51.38988	1.1024	2.616272	2.8919	14.28373
448	52.324	36.9169	42.30757	23.58578	47.24207	0.9361	2.71359	2.9476	14.39522
449	52.324	36.9169	39.47934	23.58578	43.54734	0.7947	2.814025	3.0127	14.52539
450	52.324	36.9169	36.47552	23.58578	39.37261	0.6445	2.946109	3.1072	14.71446
451	52.324	36.9169	34.20077	23.58578	35.94774	0.5307	3.071664	3.2044	14.9087

452	52.324	36.9169	31.87418	23.58578	32.05373	0.4144	3.235971	3.3396	15.17915
453	52.324	36.9169	31.0896	23.58578	30.60048	0.3752	3.303663	3.3975	15.29492
454	52.324	36.9169	29.27165	23.58578	26.7504	0.2843	3.500627	3.5717	15.6434
455	52.324	36.9169	28.49613	23.58578	24.74815	0.2455	3.613268	3.6746	15.84929
456	52.324	36.9169	27.53536	23.58578	21.54591	0.1975	3.80743	3.8568	16.2136
457	52.324	36.9169	42.88545	23.58578	50.87572	0.9650	2.458838	2.7001	13.90017
458	52.324	36.9169	39.32794	23.58578	46.68225	0.7871	2.549466	2.7462	13.99249
459	52.324	36.9169	36.26809	23.58578	42.93937	0.6341	2.645149	2.8037	14.10736
460	52.324	36.9169	32.97301	23.58578	38.69911	0.4694	2.774549	2.8919	14.28378
461	52.324	36.9169	30.43762	23.58578	35.20879	0.3426	2.901525	2.9872	14.47435
462	52.324	36.9169	27.79783	23.58578	31.22276	0.2106	3.073788	3.1264	14.75288
463	52.324	36.9169	40.56991	23.58578	50.85034	0.8492	2.281685	2.4940	13.48797
464	52.324	36.9169	36.78917	23.58578	46.6546	0.6602	2.360625	2.5257	13.55133
465	52.324	36.9169	33.49821	23.58578	42.90931	0.4956	2.445988	2.5699	13.63979
466	52.324	36.9169	29.89943	23.58578	38.66575	0.3157	2.565074	2.6440	13.78799
467	52.324	36.9169	27.07775	23.58578	35.17212	0.1746	2.686407	2.7301	13.96011
468	52.324	36.9169	24.07229	23.58578	31.1814	0.0243	2.858785	2.8649	14.22973
469	52.324	36.9169	38.76434	23.58578	51.31449	0.7589	2.085616	2.2753	13.0507
470	52.324	36.9169	34.78791	23.58578	47.16005	0.5601	2.147011	2.2870	13.07408
471	52.324	36.9169	31.28716	23.58578	43.45834	0.3851	2.214929	2.3112	13.12239
472	52.324	36.9169	27.39948	23.58578	39.27415	0.1907	2.312688	2.3604	13.22072
473	52.324	36.9169	24.2891	23.58578	35.83988	0.0352	2.416402	2.4252	13.35039
474	52.324	36.9169	20.88615	23.58578	31.93272	0.1350	2.572012	2.6058	13.71152
475	52.324	36.9169	37.54238	23.58578	52.2551	0.6978	1.873652	2.0481	12.59622
476	52.324	36.9169	33.42088	23.58578	48.18184	0.4918	1.911731	2.0347	12.56934
477	52.324	36.9169	29.75974	23.58578	44.56508	0.3087	1.95462	2.0318	12.56359
478	52.324	36.9169	25.64152	23.58578	40.49541	0.1028	2.017983	2.0437	12.58736
479	52.324	36.9169	22.28714	23.58578	37.17413	0.0649	2.087665	2.1039	12.7078
480	52.324	36.9169	18.51991	23.58578	33.42331	0.2533	2.197968	2.2613	13.02258
481	52.324	36.9169	36.96195	23.58578	53.64713	0.6688	1.651292	1.8185	12.13699
482	52.324	36.9169	32.76753	23.58578	49.68811	0.4591	1.661837	1.7766	12.05322
483	52.324	36.9169	29.0241	23.58578	46.18945	0.2719	1.673827	1.7418	11.98361
484	52.324	36.9169	24.78394	23.58578	42.27644	0.0599	1.691792	1.7068	11.91354
485	52.324	36.9169	21.29489	23.58578	39.10672	0.1145	1.711958	1.7406	11.98119
486	52.324	36.9169	17.31309	23.58578	35.56032	0.3136	1.744949	1.8234	12.14672
487	52.324	36.9169	15.82223	23.58578	34.25616	0.3882	1.761599	1.8586	12.21729
488	52.324	36.9169	11.85789	23.58578	30.8655	0.5864	1.826443	1.9730	12.44608
489	52.324	36.9169	9.788225	23.58578	29.14732	0.6899	1.881467	2.0539	12.60787
490	52.324	36.9169	6.478873	23.58578	26.48247	0.8553	2.044749	2.2586	13.01717
491	52.324	36.9169	37.05323	23.58578	55.45659	0.6734	1.425979	1.5943	11.68864
492	52.324	36.9169	32.87046	23.58578	51.63649	0.4642	1.407727	1.5238	11.54757
493	52.324	36.9169	29.14025	23.58578	48.27924	0.2777	1.387005	1.4564	11.41287
494	52.324	36.9169	24.91987	23.58578	44.55015	0.0667	1.356028	1.3727	11.24541
495	52.324	36.9169	21.45294	23.58578	41.55423	0.1066	1.321374	1.3480	11.19607
496	52.324	36.9169	17.50712	23.58578	38.23553	0.3039	1.264996	1.3410	11.18196
497	52.324	36.9169	16.03431	23.58578	37.02571	0.3776	1.236714	1.3311	11.16221

498	52.324	36.9169	12.13942	23.58578	33.91309	0.5723	1.127872	1.2710	11.0419
499	52.324	36.9169	10.12746	23.58578	32.35715	0.6729	1.037422	1.2057	10.9113
500	52.324	36.9169	6.980816	23.58578	29.979	0.8302	0.781887	1.0257	10.55144
501	52.324	36.9169	37.81135	23.58578	57.64419	0.7113	1.205758	1.3836	11.26715
502	52.324	36.9169	33.72274	23.58578	53.97913	0.5068	1.160868	1.2876	11.07516
503	52.324	36.9169	30.09834	23.58578	50.777	0.3256	1.110518	1.1919	10.88385
504	52.324	36.9169	26.03374	23.58578	47.24548	0.1224	1.036588	1.0672	10.63437
505	52.324	36.9169	22.73729	23.58578	44.43167	0.0424	0.955986	0.9666	10.43319
506	52.324	36.9169	19.05925	23.58578	41.34458	0.2263	0.830098	0.8867	10.27336
507	52.324	36.9169	17.71596	23.58578	40.22838	0.2935	0.769552	0.8429	10.18585
508	52.324	36.9169	14.28711	23.58578	37.38338	0.4649	0.553611	0.6698	9.839689
509	52.324	36.9169	12.62226	23.58578	35.97783	0.5482	0.394696	0.6469	9.793701
510	52.324	36.9169	10.27073	23.58578	33.85497	0.6658	0.034537	0.6744	9.848774
511	52.324	36.9169	39.19763	23.58578	60.16869	0.7806	0.997648	1.1928	10.88559
512	52.324	36.9169	35.27008	23.58578	56.66715	0.5842	0.930916	1.0770	10.65394
513	52.324	36.9169	31.82242	23.58578	53.62576	0.4118	0.857523	0.9605	10.42096
514	52.324	36.9169	28.00914	23.58578	50.29467	0.2212	0.752747	0.8080	10.11608
515	52.324	36.9169	24.9748	23.58578	47.66122	0.0695	0.642793	0.6602	9.820311
516	52.324	36.9169	21.67974	23.58578	44.79725	0.0953	0.480313	0.5041	9.508276
517	52.324	36.9169	20.50881	23.58578	43.76919	0.1538	0.406206	0.4447	9.389336
518	52.324	36.9169	17.63172	23.58578	41.1696	0.2977	0.162428	0.3383	9.176621
519	52.324	36.9169	16.31188	23.58578	39.89766	0.3637	0.001841	0.3642	9.228311
520	52.324	36.9169	14.56859	23.58578	37.99445	0.4509	0.314229	0.5294	9.558834
521	52.324	36.9169	41.14863	23.58578	62.98961	0.8781	0.806495	1.0798	10.65953
522	52.324	36.9169	37.42639	23.58578	59.65387	0.6920	0.723843	0.8969	10.2937
523	52.324	36.9169	34.19681	23.58578	56.77272	0.5306	0.635044	0.7677	10.03536
524	52.324	36.9169	30.68009	23.58578	53.63742	0.3547	0.512222	0.6009	9.701801
525	52.324	36.9169	27.93737	23.58578	51.17628	0.2176	0.388406	0.4428	9.385602
526	52.324	36.9169	25.03532	23.58578	48.52023	0.0725	0.214853	0.2330	8.965944
527	52.324	36.9169	24.02846	23.58578	47.57269	0.0221	0.139291	0.1448	8.78965
528	52.324	36.9169	21.62484	23.58578	45.19242	0.0980	0.094671	0.1217	8.74343
529	52.324	36.9169	20.56291	23.58578	44.03683	0.1511	0.237908	0.2757	9.051387
530	52.324	36.9169	19.20937	23.58578	42.32018	0.2188	0.49973	0.5544	9.60887
531	52.324	36.9169	43.5886	23.58578	66.06898	1.0001	0.634671	1.1588	10.81762
532	52.324	36.9169	40.09353	23.58578	62.89677	0.8254	0.54179	0.9608	10.42167
533	52.324	36.9169	37.09688	23.58578	60.17109	0.6756	0.444347	0.7866	10.07328
534	52.324	36.9169	33.8825	23.58578	57.2223	0.5148	0.31361	0.5932	9.686476
535	52.324	36.9169	31.42058	23.58578	54.92204	0.3917	0.186496	0.4384	9.376727
536	52.324	36.9169	28.8708	23.58578	52.456	0.2643	0.015882	0.2682	9.036443
537	52.324	36.9169	28.0022	23.58578	51.58081	0.2208	0.055807	0.2348	8.969545
538	52.324	36.9169	25.96901	23.58578	49.39407	0.1192	0.268854	0.2986	9.097289
539	52.324	36.9169	25.09162	23.58578	48.33902	0.0753	0.393455	0.4123	9.324555
540	52.324	36.9169	23.99491	23.58578	46.78051	0.0205	0.61221	0.6173	9.734648
541	52.324	36.9169	45.25418	23.58578	68.02518	1.0834	0.541093	1.2187	10.93739
542	52.324	36.9169	41.89828	23.58578	64.94859	0.9156	0.444403	1.0267	10.55345
543	52.324	36.9169	39.0404	23.58578	62.31273	0.7727	0.344333	0.8588	10.21763

544	52.324	36.9169	35.99998	23.58578	59.47023	0.6207	0.212281	0.6738	9.84756
545	52.324	36.9169	33.69314	23.58578	57.26033	0.5054	0.086281	0.5269	9.553876
546	52.324	36.9169	31.32887	23.58578	54.89943	0.3872	0.079296	0.4070	9.313957
547	52.324	36.9169	30.53028	23.58578	54.06381	0.3472	0.147727	0.3842	9.268314
548	52.324	36.9169	28.6769	23.58578	51.98163	0.2546	0.34751	0.4111	9.322298
549	52.324	36.9169	27.88484	23.58578	50.98016	0.2150	0.462162	0.5159	9.531801
550	52.324	36.9169	26.90225	23.58578	49.50487	0.1658	0.660345	0.7018	9.903602
551	52.324	36.9169	40.40958	23.58578	63.78072	0.8412	0.28307	0.9120	10.32391
552	52.324	36.9169	37.48039	23.58578	61.00665	0.6947	0.15116	0.7325	9.965041
553	52.324	36.9169	35.27051	23.58578	58.85448	0.5842	0.026712	0.5909	9.681828
554	52.324	36.9169	33.01938	23.58578	56.56015	0.4717	0.134825	0.5054	9.510772
555	52.324	36.9169	32.26266	23.58578	55.74943	0.4338	0.200964	0.4841	9.468169
556	52.324	36.9169	30.51468	23.58578	53.73261	0.3464	0.392181	0.4788	9.457584
557	52.324	36.9169	29.77155	23.58578	52.76438	0.3093	0.500808	0.5781	9.65626
558	52.324	36.9169	28.85328	23.58578	51.34039	0.2634	0.687063	0.7529	10.00581
559	52.324	36.9169	44.04191	23.58578	67.56773	1.0228	0.147286	1.0596	10.61926
560	52.324	36.9169	41.37071	23.58578	64.9556	0.8892	0.018184	0.8938	10.28758
561	52.324	36.9169	39.37975	23.58578	62.93861	0.7897	0.100707	0.8149	10.12975
562	52.324	36.9169	37.37693	23.58578	60.7986	0.6896	0.25117	0.7523	10.0047
563	52.324	36.9169	36.71015	23.58578	60.04513	0.6562	0.31163	0.7341	9.968251
564	52.324	36.9169	35.18382	23.58578	58.17742	0.5799	0.48317	0.7007	9.901389
565	52.324	36.9169	34.5413	23.58578	57.28437	0.5478	0.578766	0.7157	9.931421
566	52.324	36.9169	47.92125	23.58578	71.50397	1.2168	0.032823	1.2250	10.94996
567	52.324	36.9169	45.47848	23.58578	69.04092	1.0946	0.091368	1.1175	10.73495
568	52.324	36.9169	43.67517	23.58578	67.14676	1.0045	0.203571	1.0554	10.61072
569	52.324	36.9169	41.87829	23.58578	65.14514	0.9146	0.342876	1.0003	10.50069
570	52.324	36.9169	41.28427	23.58578	64.44251	0.8849	0.398087	0.9844	10.46889
571	52.324	36.9169	39.93316	23.58578	62.70591	0.8174	0.552684	0.9555	10.41108
572	52.324	36.9169	39.36823	23.58578	61.87825	0.7891	0.637712	0.9486	10.3971
573	52.324	36.9169	51.99233	23.58578	75.56611	1.4203	0.064115	1.4364	11.37271
574	52.324	36.9169	49.74985	23.58578	73.2398	1.3082	0.182449	1.3538	11.20763
575	52.324	36.9169	48.10693	23.58578	71.45702	1.2261	0.287756	1.2980	11.09599
576	52.324	36.9169	46.48169	23.58578	69.57951	1.1448	0.416605	1.2489	10.99789
577	52.324	36.9169	45.94722	23.58578	68.9221	1.1181	0.467153	1.2349	10.96972
578	52.324	36.9169	44.73716	23.58578	67.30119	1.0576	0.607348	1.2094	10.91881
579	52.324	36.9169	44.23362	23.58578	66.53072	1.0324	0.683738	1.2033	10.90665
580	52.324	36.9169	56.2135	23.58578	79.73491	1.6314	0.146741	1.6681	11.83614
581	52.324	36.9169	54.14613	23.58578	77.53378	1.5280	0.258939	1.5928	11.6855
582	52.324	36.9169	52.6406	23.58578	75.852	1.4527	0.357594	1.5421	11.58428
583	52.324	36.9169	51.15959	23.58578	74.08594	1.3787	0.476952	1.4979	11.49586
584	52.324	36.9169	50.67448	23.58578	73.46887	1.3544	0.523415	1.4853	11.47058
585	52.324	36.9169	60.5534	23.58578	83.99449	1.8484	0.217677	1.9028	12.3056
586	52.324	36.9169	58.63923	23.58578	81.90791	1.7527	0.323827	1.8336	12.16726
587	52.324	36.9169	57.25197	23.58578	80.31777	1.6833	0.416272	1.7874	12.07476
588	52.324	36.9169	55.89328	23.58578	78.65205	1.6154	0.527134	1.7472	11.99432
589	52.324	36.9169	55.44961	23.58578	78.07108	1.5932	0.570032	1.7357	11.9714

590	52.324	36.9169	64.98823	23.58578	88.33172	2.0701	0.279031	2.1399	12.77976
591	52.324	36.9169	63.20851	23.58578	86.35002	1.9811	0.379408	2.0760	12.65198
592	52.324	36.9169	61.9237	23.58578	84.84317	1.9169	0.466151	2.0334	12.56687
593	52.324	36.9169	60.66972	23.58578	83.26803	1.8542	0.569448	1.9966	12.49312
594	52.324	36.9169	60.26122	23.58578	82.71948	1.8338	0.609232	1.9861	12.47216
Total Waktu Pekerjaan Pengangkutan Bekisting									1961.555 menit

Total Waktu Semua Pekerjaan Pengangkutan = 5980.766
menit



Task	X	Y	$\rho(D)$	$\rho(S1)$	lj	Ta	T ω	Th	Total T
1	44.693	28.1825	52.83696	31.72995	39.13911	1.0554	3.855207	4.1190	13.23809
2	44.693	28.1825	50.72122	31.72995	35.25242	0.9496	3.972047	4.2094	13.41887
3	44.693	28.1825	49.05953	31.72995	31.84966	0.8665	4.084388	4.3010	13.60201
4	44.693	28.1825	47.46499	31.72995	28.10025	0.7868	4.22049	4.4172	13.83436
5	44.693	28.1825	46.40362	31.72995	25.13235	0.7337	4.338961	4.5224	14.04476
6	44.693	28.1825	45.4911	31.72995	21.93364	0.6881	4.480274	4.6523	14.30458
7	44.693	28.1825	45.23542	31.72995	20.80569	0.6753	4.534581	4.7034	14.4068
8	44.693	28.1825	44.79269	31.72995	18.06439	0.6531	4.681823	4.8451	14.69021
9	44.693	28.1825	44.70201	31.72995	16.82829	0.6486	4.759974	4.9221	14.84425
10	44.693	28.1825	44.76416	31.72995	15.23351	0.6517	4.88666	5.0496	15.09918
11	44.693	28.1825	47.85856	31.72995	37.39955	0.8064	3.743437	3.9450	12.89009
12	44.693	28.1825	45.51197	31.72995	33.3105	0.6891	3.867868	4.0401	13.08029
13	44.693	28.1825	43.65243	31.72995	29.68598	0.5961	3.989662	4.1387	13.27739
14	44.693	28.1825	41.85239	31.72995	25.62188	0.5061	4.139835	4.2664	13.53273
15	44.693	28.1825	40.64473	31.72995	22.32692	0.4457	4.272622	4.3841	13.76811
16	44.693	28.1825	39.59973	31.72995	18.65318	0.3935	4.433082	4.5315	14.06291
17	44.693	28.1825	39.30574	31.72995	17.31281	0.3788	4.495224	4.5899	14.17984
18	44.693	28.1825	38.7954	31.72995	13.89888	0.3533	4.664624	4.7529	14.50588
19	44.693	28.1825	38.69066	31.72995	12.2494	0.3480	4.754862	4.8419	14.68374
20	44.693	28.1825	38.76245	31.72995	9.94568	0.3516	4.901201	4.9891	14.97821
21	44.693	28.1825	43.1637	31.72995	36.57858	0.5717	3.607147	3.7501	12.50014
22	44.693	28.1825	40.5463	31.72995	32.38605	0.4408	3.738051	3.8483	12.69651
23	44.693	28.1825	38.44734	31.72995	28.64479	0.3359	3.869262	3.9532	12.90646
24	44.693	28.1825	36.39074	31.72995	24.40793	0.2330	4.035051	4.0933	13.18662
25	44.693	28.1825	34.9951	31.72995	20.92267	0.1633	4.185011	4.2258	13.45165
26	44.693	28.1825	33.77575	31.72995	16.94721	0.1023	4.369782	4.3954	13.79071
27	44.693	28.1825	33.43059	31.72995	15.45962	0.0850	4.44219	4.4634	13.9269
28	44.693	28.1825	32.82904	31.72995	11.5085	0.0550	4.641257	4.6550	14.30999
29	44.693	28.1825	32.7052	31.72995	9.45063	0.0488	4.747904	4.7601	14.52019
30	44.693	28.1825	32.7901	31.72995	6.179253	0.0530	4.920968	4.9342	14.86844
31	44.693	28.1825	38.81734	31.72995	36.72948	0.3544	3.438656	3.5272	12.0545
32	44.693	28.1825	35.8843	31.72995	32.55638	0.2077	3.572952	3.6249	12.24976
33	44.693	28.1825	33.49445	31.72995	28.83722	0.0882	3.711917	3.7340	12.46795
34	44.693	28.1825	31.11215	31.72995	24.63349	0.0309	3.893719	3.9014	12.80288
35	44.693	28.1825	29.46757	31.72995	21.18536	0.1131	4.063861	4.0921	13.18428
36	44.693	28.1825	28.0086	31.72995	17.27048	0.1861	4.280075	4.3266	13.65318
37	44.693	28.1825	27.59139	31.72995	15.81333	0.2069	4.366467	4.4182	13.8364
38	44.693	28.1825	26.85938	31.72995	11.97944	0.2435	4.607433	4.6683	14.33663
39	44.693	28.1825	26.70788	31.72995	10.01878	0.2511	4.737803	4.8006	14.60116
40	44.693	28.1825	26.81177	31.72995	7.017462	0.2459	4.949607	5.0111	15.02217
41	44.693	28.1825	34.96378	31.72995	37.84331	0.1617	3.230464	3.2709	11.54177
42	44.693	28.1825	31.67591	31.72995	33.80798	0.0027	3.361396	3.3621	11.72414
43	44.693	28.1825	28.94061	31.72995	30.24313	0.1395	3.502648	3.5375	12.07503
44	44.693	28.1825	26.14664	31.72995	26.26539	0.2792	3.696793	3.7666	12.53317
45	44.693	28.1825	24.16646	31.72995	23.06255	0.3782	3.888256	3.9828	12.9656

46	44.693	28.1825	22.3643	31.72995	19.5277	0.4683	4.144511	4.2616	13.52316
47	44.693	28.1825	21.83953	31.72995	18.25166	0.4945	4.2505	4.3741	13.74826
48	44.693	28.1825	20.9071	31.72995	15.0522	0.5411	4.554316	4.6896	14.3792
49	44.693	28.1825	20.7121	31.72995	13.54391	0.5509	4.721853	4.8596	14.71915
50	44.693	28.1825	20.8459	31.72995	11.50245	0.5442	4.994659	5.1307	15.26142
51	44.693	28.1825	34.09745	31.72995	38.26397	0.1184	3.171352	3.2009	11.40189
52	44.693	28.1825	30.71699	31.72995	34.2782	0.0506	3.299762	3.3124	11.62485
53	44.693	28.1825	27.88779	31.72995	30.76788	0.1921	3.439962	3.4880	11.97598
54	44.693	28.1825	24.97632	31.72995	26.86793	0.3377	3.635595	3.7200	12.44003
55	44.693	28.1825	22.89515	31.72995	23.74651	0.4417	3.831846	3.9423	12.88456
56	44.693	28.1825	20.98409	31.72995	20.33092	0.5373	4.099319	4.2336	13.46728
57	44.693	28.1825	20.42389	31.72995	19.1086	0.5653	4.211363	4.3527	13.70538
58	44.693	28.1825	19.42362	31.72995	16.08055	0.6153	4.535955	4.6898	14.37957
59	44.693	28.1825	19.21357	31.72995	14.67832	0.6258	4.71631	4.8728	14.74553
60	44.693	28.1825	19.35773	31.72995	12.81881	0.6186	5.010257	5.1649	15.32982
61	44.693	28.1825	31.55476	31.72995	40.04185	0.0088	2.952445	2.9546	10.90927
62	44.693	28.1825	27.86755	31.72995	36.25207	0.1931	3.065521	3.1138	11.2276
63	44.693	28.1825	24.71428	31.72995	32.9527	0.3508	3.19445	3.2821	11.56429
64	44.693	28.1825	21.37484	31.72995	29.34457	0.5178	3.38518	3.5146	12.02924
65	44.693	28.1825	18.90119	31.72995	26.51631	0.6414	3.590637	3.7510	12.50199
66	44.693	28.1825	16.53479	31.72995	23.50669	0.7598	3.895083	4.0850	13.17005
67	44.693	28.1825	29.64406	31.72995	42.33872	0.1043	2.700415	2.7265	10.45298
68	44.693	28.1825	25.68399	31.72995	38.7741	0.3023	2.784977	2.8606	10.7211
69	44.693	28.1825	22.22302	31.72995	35.70852	0.4753	2.885705	3.0045	11.00908
70	44.693	28.1825	18.43775	31.72995	32.40867	0.6646	3.044874	3.2110	11.42205
71	44.693	28.1825	15.50233	31.72995	29.87194	0.8114	3.2329	3.4357	11.87149
72	44.693	28.1825	12.50864	31.72995	27.23568	0.9611	3.55088	3.7911	12.58229
73	44.693	28.1825	28.49275	31.72995	45.07533	0.1619	2.421056	2.4615	9.923043
74	44.693	28.1825	24.34614	31.72995	41.74504	0.3692	2.463377	2.5557	10.11135
75	44.693	28.1825	20.66228	31.72995	38.91422	0.5534	2.515485	2.6538	10.30766
76	44.693	28.1825	16.52325	31.72995	35.91016	0.7603	2.602524	2.7926	10.58522
77	44.693	28.1825	13.16773	31.72995	33.63853	0.9281	2.715039	2.9471	10.89413
78	44.693	28.1825	9.462197	31.72995	31.32093	1.1134	2.940085	3.2184	11.43686
79	44.693	28.1825	28.19404	31.72995	48.17679	0.1768	2.127184	2.1714	9.342765
80	44.693	28.1825	23.99586	31.72995	45.07623	0.3867	2.118837	2.2155	9.431025
81	44.693	28.1825	20.24838	31.72995	42.46804	0.5741	2.10846	2.2520	9.503959
82	44.693	28.1825	16.00265	31.72995	39.73359	0.7864	2.090825	2.2874	9.574832
83	44.693	28.1825	12.50824	31.72995	37.69308	0.9611	2.067314	2.3076	9.61517
84	44.693	28.1825	8.520574	31.72995	35.64012	1.1605	2.016846	2.3070	9.613927
85	44.693	28.1825	28.77449	31.72995	51.57733	0.1478	1.836218	1.8732	8.746323
86	44.693	28.1825	24.67526	31.72995	48.69378	0.3527	1.778956	1.8671	8.73428
87	44.693	28.1825	21.04908	31.72995	46.28987	0.5340	1.709062	1.8426	8.685146
88	44.693	28.1825	17.00446	31.72995	43.7947	0.7363	1.594057	1.7781	8.556252
89	44.693	28.1825	13.76674	31.72995	41.95219	0.8982	1.449176	1.6737	8.347433
90	44.693	28.1825	10.27945	31.72995	40.11778	1.0725	1.17439	1.4425	7.885042
91	44.693	28.1825	9.081315	31.72995	39.51238	1.1324	1.018656	1.3871	7.774192

92	44.693	28.1825	6.527777	31.72995	38.14019	1.2601	0.347659	1.3470	7.694047
93	44.693	28.1825	5.873348	31.72995	37.57051	1.2928	0.191797	1.3408	7.681559
94	44.693	28.1825	6.329027	31.72995	36.88376	1.2700	1.124983	1.5513	8.102584
95	44.693	28.1825	30.18341	31.72995	55.22173	0.0773	1.564608	1.5839	8.167879
96	44.693	28.1825	26.30467	31.72995	52.53858	0.2713	1.469274	1.5371	8.07418
97	44.693	28.1825	22.93754	31.72995	50.31869	0.4396	1.357247	1.4672	7.934305
98	44.693	28.1825	19.29297	31.72995	48.03326	0.6218	1.18396	1.3394	7.678844
99	44.693	28.1825	16.5103	31.72995	46.35951	0.7610	0.985581	1.1758	7.351654
100	44.693	28.1825	13.73806	31.72995	44.70631	0.8996	0.666005	1.0661	7.132192
101	44.693	28.1825	12.86613	31.72995	44.16386	0.9432	0.512941	1.0714	7.142853
102	44.693	28.1825	11.21066	31.72995	42.94056	1.0260	0.00566	1.0274	7.054759
103	44.693	28.1825	10.84266	31.72995	42.43537	1.0444	0.307344	1.1212	7.242402
104	44.693	28.1825	11.09611	31.72995	41.82858	1.0317	0.824604	1.2378	7.475687
105	44.693	28.1825	32.31261	31.72995	59.06486	0.0291	1.322961	1.3302	7.660489
106	44.693	28.1825	28.72286	31.72995	56.56431	0.1504	1.203636	1.2412	7.48245
107	44.693	28.1825	25.67485	31.72995	54.50861	0.3028	1.069528	1.1452	7.290434
108	44.693	28.1825	22.47856	31.72995	52.40622	0.4626	0.875087	0.9907	6.981459
109	44.693	28.1825	20.14093	31.72995	50.87654	0.5795	0.670909	0.8158	6.631543
110	44.693	28.1825	17.93882	31.72995	49.37482	0.6896	0.377747	0.7840	6.567987
111	44.693	28.1825	17.28017	31.72995	48.88419	0.7225	0.250143	0.7850	6.57005
112	44.693	28.1825	16.08558	31.72995	47.7819	0.7822	0.132315	0.8153	6.630595
113	44.693	28.1825	15.83131	31.72995	47.32842	0.7949	0.350183	0.8825	6.764956
114	44.693	28.1825	16.00595	31.72995	46.78512	0.7862	0.706372	0.9628	6.925586
115	44.693	28.1825	35.03102	31.72995	63.0704	0.1651	1.114943	1.1562	7.312412
116	44.693	28.1825	31.75011	31.72995	60.73499	0.0010	0.983852	0.9841	6.968208
117	44.693	28.1825	29.0218	31.72995	58.82522	0.1354	0.842555	0.8764	6.752813
118	44.693	28.1825	26.23648	31.72995	56.8826	0.2747	0.648559	0.7172	6.434455
119	44.693	28.1825	24.26364	31.72995	55.47649	0.3733	0.457476	0.5508	6.101609
120	44.693	28.1825	22.46927	31.72995	54.10259	0.4630	0.202054	0.5135	6.027095
121	44.693	28.1825	21.94701	31.72995	53.65522	0.4891	0.096501	0.5133	6.026545
122	44.693	28.1825	21.01935	31.72995	52.6529	0.5355	0.205843	0.5870	6.173982
123	44.693	28.1825	20.8254	31.72995	52.24172	0.5452	0.372484	0.6383	6.276698
124	44.693	28.1825	20.95847	31.72995	51.75003	0.5386	0.643814	0.7785	6.556916
125	44.693	28.1825	38.21307	31.72995	67.20933	0.3242	0.939175	1.0202	7.040428
126	44.693	28.1825	35.22977	31.72995	65.02274	0.1750	0.804837	0.8486	6.697169
127	44.693	28.1825	32.79225	31.72995	63.24258	0.0531	0.665058	0.6783	6.356674
128	44.693	28.1825	30.3549	31.72995	61.43979	0.0688	0.481043	0.4982	5.996463
129	44.693	28.1825	28.6669	31.72995	60.14032	0.1532	0.307729	0.3460	5.692034
130	44.693	28.1825	27.16496	31.72995	58.87536	0.2282	0.086154	0.2498	5.499576
131	44.693	28.1825	26.73459	31.72995	58.46452	0.2498	0.002724	0.2504	5.500899
132	44.693	28.1825	25.97845	31.72995	57.54603	0.2876	0.251362	0.3504	5.700831
133	44.693	28.1825	25.82178	31.72995	57.17005	0.2954	0.386157	0.4600	5.920019
134	44.693	28.1825	25.92922	31.72995	56.72111	0.2900	0.605203	0.6777	6.355425
135	44.693	28.1825	41.75292	31.72995	71.45846	0.5011	0.791786	0.9171	6.834146
136	44.693	28.1825	39.04105	31.72995	69.40587	0.3656	0.659348	0.7507	6.501473
137	44.693	28.1825	36.85646	31.72995	67.741	0.2563	0.525393	0.5895	6.178949

138	44.693	28.1825	34.70572	31.72995	66.06108	0.1488	0.354498	0.3917	5.783391
139	44.693	28.1825	33.23941	31.72995	64.85427	0.0755	0.198487	0.2174	5.434711
140	44.693	28.1825	31.95312	31.72995	63.68301	0.0112	0.004687	0.0123	5.024661
141	44.693	28.1825	31.58806	31.72995	63.30338	0.0071	0.071644	0.0734	5.146836
142	44.693	28.1825	30.95072	31.72995	62.4561	0.0390	0.282273	0.2920	5.584026
143	44.693	28.1825	30.81933	31.72995	62.10985	0.0455	0.395396	0.4068	5.813558
144	44.693	28.1825	30.90941	31.72995	61.69685	0.0410	0.579024	0.5893	6.178561
145	44.693	28.1825	44.01187	31.72995	74.05166	0.6141	0.715115	0.8686	6.737279
146	44.693	28.1825	41.44807	31.72995	72.07296	0.4859	0.585258	0.7067	6.413468
147	44.693	28.1825	39.39718	31.72995	70.47113	0.3834	0.455739	0.5516	6.103159
148	44.693	28.1825	37.39285	31.72995	68.85785	0.2831	0.292938	0.3637	5.727448
149	44.693	28.1825	36.03605	31.72995	67.70092	0.2153	0.146401	0.2519	5.50381
150	44.693	28.1825	34.85313	31.72995	66.57976	0.1562	0.03338	0.1645	5.329008
151	44.693	28.1825	34.51875	31.72995	66.21674	0.1394	0.103648	0.1654	5.330704
152	44.693	28.1825	33.93649	31.72995	65.4072	0.1103	0.296462	0.3240	5.648088
153	44.693	28.1825	33.81671	31.72995	65.07665	0.1043	0.399627	0.4257	5.851423
154	44.693	28.1825	33.89883	31.72995	64.6826	0.1084	0.567015	0.5941	6.188253
155	44.693	28.1825	41.12743	31.72995	72.30533	0.4699	0.414081	0.5734	6.146789
156	44.693	28.1825	39.21165	31.72995	70.73389	0.3741	0.256574	0.4382	5.876457
157	44.693	28.1825	37.91998	31.72995	69.60815	0.3095	0.115928	0.3385	5.676967
158	44.693	28.1825	36.79768	31.72995	68.5182	0.2534	0.055444	0.2672	5.534494
159	44.693	28.1825	36.48112	31.72995	68.16551	0.2376	0.122144	0.2681	5.536189
160	44.693	28.1825	35.93068	31.72995	67.37939	0.2100	0.304621	0.3571	5.71426
161	44.693	28.1825	35.81757	31.72995	67.05856	0.2044	0.402057	0.4532	5.906304
162	44.693	28.1825	35.89511	31.72995	66.67623	0.2083	0.560113	0.6122	6.224355
163	44.693	28.1825	45.54704	31.72995	76.92385	0.6909	0.324031	0.7719	6.543724
164	44.693	28.1825	43.82489	31.72995	75.44867	0.6047	0.179042	0.6495	6.299014
165	44.693	28.1825	42.67308	31.72995	74.3943	0.5472	0.05163	0.5601	6.120128
166	44.693	28.1825	41.67897	31.72995	73.37549	0.4975	0.101538	0.5228	6.04567
167	44.693	28.1825	41.39975	31.72995	73.04625	0.4835	0.160674	0.5237	6.047316
168	44.693	28.1825	40.91553	31.72995	72.31321	0.4593	0.321526	0.5397	6.079321
169	44.693	28.1825	40.81624	31.72995	72.01437	0.4543	0.407086	0.5561	6.112171
170	44.693	28.1825	50.07594	31.72995	81.58735	0.9173	0.250085	0.9798	6.959641
171	44.693	28.1825	48.51482	31.72995	80.198	0.8392	0.116386	0.8683	6.736679
172	44.693	28.1825	47.47693	31.72995	79.20688	0.7873	0.00028	0.7874	6.574838
173	44.693	28.1825	46.58544	31.72995	78.25075	0.7428	0.137946	0.7773	6.554522
174	44.693	28.1825	46.3358	31.72995	77.94211	0.7303	0.191007	0.7780	6.556088
175	44.693	28.1825	45.90368	31.72995	77.25554	0.7087	0.334759	0.7924	6.584752
176	44.693	28.1825	45.8152	31.72995	76.97589	0.7043	0.411018	0.8070	6.614033
177	44.693	28.1825	54.68699	31.72995	86.28855	1.1479	0.188504	1.1950	7.389955
178	44.693	28.1825	53.26119	31.72995	84.9761	1.0766	0.064834	1.0928	7.185541
179	44.693	28.1825	52.31755	31.72995	84.04135	1.0294	0.041602	1.0398	7.079561
180	44.693	28.1825	51.5099	31.72995	83.14083	0.9890	0.167405	1.0308	7.061698
181	44.693	28.1825	51.28424	31.72995	82.85041	0.9777	0.215494	1.0316	7.063176
182	44.693	28.1825	50.89415	31.72995	82.20484	0.9582	0.345397	1.0446	7.089118
183	44.693	28.1825	50.81436	31.72995	81.94208	0.9542	0.414176	1.0578	7.115529

184	44.693	28.1825	59.36105	31.72995	91.0216	1.3816	0.136558	1.4157	7.831388
185	44.693	28.1825	58.05017	31.72995	89.77837	1.3160	0.021753	1.3214	7.642897
186	44.693	28.1825	57.1856	31.72995	88.89413	1.2728	0.076372	1.2919	7.583751
187	44.693	28.1825	56.44765	31.72995	88.04326	1.2359	0.191717	1.2838	7.567628
188	44.693	28.1825	56.2418	31.72995	87.76906	1.2256	0.235668	1.2845	7.569019
189	44.693	28.1825	64.08433	31.72995	95.78179	1.6177	0.092232	1.6408	8.281553
190	44.693	28.1825	62.872	31.72995	94.60113	1.5571	0.014742	1.5608	8.121576
191	44.693	28.1825	62.07463	31.72995	93.76238	1.5172	0.105676	1.5437	8.087306
192	44.693	28.1825	61.39547	31.72995	92.95609	1.4833	0.212113	1.5363	8.072609
193	44.693	28.1825	61.20627	31.72995	92.69642	1.4738	0.252571	1.5370	8.073917
194	44.693	28.1825	68.8467	31.72995	100.5652	1.8558	0.054014	1.8693	8.738681
195	44.693	28.1825	67.71968	31.72995	99.4414	1.7995	0.046026	1.8110	8.621986
196	44.693	28.1825	66.98005	31.72995	98.64382	1.7625	0.130695	1.7952	8.590357
197	44.693	28.1825	66.35112	31.72995	97.87774	1.7311	0.229466	1.7884	8.57685
198	44.693	28.1825	66.17609	31.72995	97.63117	1.7223	0.266937	1.7890	8.578082
Total Waktu Pekerjaan Pengangkutan Besi									1853.072 menit

Task	X	Y	$\rho(D)$	$\rho(S2)$	lj	Ta	T ω	Th	Total T
199	44.693	28.1825	52.83696	38.46848	52.58502	0.7184	3.250687	3.4303	12.36059
200	44.693	28.1825	50.72122	38.46848	48.53936	0.6126	3.367526	3.5207	12.54137
201	44.693	28.1825	49.05953	38.46848	44.9513	0.5296	3.479867	3.6123	12.72451
202	44.693	28.1825	47.46499	38.46848	40.91995	0.4498	3.61597	3.7284	12.95685
203	44.693	28.1825	46.40362	38.46848	37.63607	0.3968	3.734441	3.8336	13.16726
204	44.693	28.1825	45.4911	38.46848	33.93622	0.3511	3.875754	3.9635	13.42707
205	44.693	28.1825	45.23542	38.46848	32.56704	0.3383	3.930061	4.0146	13.5293
206	44.693	28.1825	44.79269	38.46848	28.97927	0.3162	4.077302	4.1564	13.81271
207	44.693	28.1825	44.70201	38.46848	27.14187	0.3117	4.155454	4.2334	13.96675
208	44.693	28.1825	44.76416	38.46848	24.25757	0.3148	4.28214	4.3608	14.22167
209	44.693	28.1825	47.85856	38.46848	51.36206	0.4695	3.138917	3.2563	12.01259
210	44.693	28.1825	45.51197	38.46848	47.21172	0.3522	3.263348	3.3514	12.20278
211	44.693	28.1825	43.65243	38.46848	43.51432	0.2592	3.385142	3.4499	12.39988
212	44.693	28.1825	41.85239	38.46848	39.33598	0.1692	3.535315	3.5776	12.65523
213	44.693	28.1825	40.64473	38.46848	35.90752	0.1088	3.668102	3.6953	12.89061
214	44.693	28.1825	39.59973	38.46848	32.00849	0.0566	3.828562	3.8427	13.1854
215	44.693	28.1825	39.30574	38.46848	30.55304	0.0419	3.890704	3.9012	13.30234
216	44.693	28.1825	38.7954	38.46848	26.69597	0.0163	4.060104	4.0642	13.62838
217	44.693	28.1825	38.69066	38.46848	24.68922	0.0111	4.150341	4.1531	13.80624
218	44.693	28.1825	38.76245	38.46848	21.47804	0.0147	4.296681	4.3004	14.10071
219	44.693	28.1825	43.1637	38.46848	50.82639	0.2348	3.002626	3.0613	11.62263
220	44.693	28.1825	40.5463	38.46848	46.6284	0.1039	3.133531	3.1595	11.81901
221	44.693	28.1825	38.44734	38.46848	42.88073	0.0011	3.264742	3.2650	12.03001
222	44.693	28.1825	36.39074	38.46848	38.63392	0.1039	3.430531	3.4565	12.41301
223	44.693	28.1825	34.9951	38.46848	35.13703	0.1737	3.580491	3.6239	12.74782
224	44.693	28.1825	33.77575	38.46848	31.14169	0.2346	3.765262	3.8239	13.14784
225	44.693	28.1825	33.43059	38.46848	29.64371	0.2519	3.83767	3.9006	13.30129

226	44.693	28.1825	32.82904	38.46848	25.65026	0.2820	4.036737	4.1072	13.71446
227	44.693	28.1825	32.7052	38.46848	23.55459	0.2882	4.143384	4.2154	13.93085
228	44.693	28.1825	32.7901	38.46848	20.16351	0.2839	4.316448	4.3874	14.27486
229	44.693	28.1825	38.81734	38.46848	50.99403	0.0174	2.834136	2.8385	11.17699
230	44.693	28.1825	35.8843	38.46848	46.81107	0.1292	2.968431	3.0007	11.50147
231	44.693	28.1825	33.49445	38.46848	43.0793	0.2487	3.107397	3.1696	11.83915
232	44.693	28.1825	31.11215	38.46848	38.8542	0.3678	3.289199	3.3812	12.26231
233	44.693	28.1825	29.46757	38.46848	35.37909	0.4500	3.459341	3.5719	12.64371
234	44.693	28.1825	28.0086	38.46848	31.41454	0.5230	3.675555	3.8063	13.11261
235	44.693	28.1825	27.59139	38.46848	29.93022	0.5439	3.761947	3.8979	13.29582
236	44.693	28.1825	26.85938	38.46848	25.98085	0.5805	4.002913	4.1480	13.79605
237	44.693	28.1825	26.70788	38.46848	23.91417	0.5880	4.133283	4.2803	14.06058
238	44.693	28.1825	26.81177	38.46848	20.58242	0.5828	4.345087	4.4908	14.48159
239	44.693	28.1825	34.96378	38.46848	51.86	0.1752	2.625943	2.6698	10.8395
240	44.693	28.1825	31.67591	38.46848	47.75296	0.3396	2.756876	2.8418	11.18357
241	44.693	28.1825	28.94061	38.46848	44.10096	0.4764	2.898128	3.0172	11.53445
242	44.693	28.1825	26.14664	38.46848	39.98397	0.6161	3.092273	3.2463	11.99259
243	44.693	28.1825	24.16646	38.46848	36.61624	0.7151	3.283736	3.4625	12.42502
244	44.693	28.1825	22.3643	38.46848	32.80156	0.8052	3.539991	3.7413	12.98259
245	44.693	28.1825	21.83953	38.46848	31.38291	0.8314	3.64598	3.8538	13.20768
246	44.693	28.1825	20.9071	38.46848	27.64188	0.8781	3.949795	4.1693	13.83863
247	44.693	28.1825	20.7121	38.46848	25.70907	0.8878	4.117333	4.3393	14.17857
248	44.693	28.1825	20.8459	38.46848	22.64298	0.8811	4.390139	4.6104	14.72084
249	44.693	28.1825	34.09745	38.46848	52.18215	0.2186	2.566832	2.6215	10.74294
250	44.693	28.1825	30.71699	38.46848	48.10262	0.3876	2.695242	2.7921	11.08427
251	44.693	28.1825	27.88779	38.46848	44.47934	0.5290	2.835442	2.9677	11.4354
252	44.693	28.1825	24.97632	38.46848	40.40093	0.6746	3.031075	3.1997	11.89945
253	44.693	28.1825	22.89515	38.46848	37.07109	0.7787	3.227326	3.4220	12.34398
254	44.693	28.1825	20.98409	38.46848	33.30855	0.8742	3.494799	3.7134	12.92671
255	44.693	28.1825	20.42389	38.46848	31.91245	0.9022	3.606843	3.8324	13.1648
256	44.693	28.1825	19.42362	38.46848	28.24165	0.9522	3.931435	4.1695	13.83899
257	44.693	28.1825	19.21357	38.46848	26.35287	0.9627	4.11179	4.3525	14.20495
258	44.693	28.1825	19.35773	38.46848	23.37139	0.9555	4.405737	4.6446	14.78924
259	44.693	28.1825	31.55476	38.46848	53.54625	0.3457	2.347925	2.4343	10.36869
260	44.693	28.1825	27.86755	38.46848	49.57909	0.5300	2.461001	2.5935	10.68702
261	44.693	28.1825	24.71428	38.46848	46.07207	0.6877	2.58993	2.7619	11.02371
262	44.693	28.1825	21.37484	38.46848	42.14806	0.8547	2.780659	2.9943	11.48866
263	44.693	28.1825	18.90119	38.46848	38.96781	0.9784	2.986116	3.2307	11.96142
264	44.693	28.1825	16.53479	38.46848	35.40739	1.0967	3.290563	3.5647	12.62947
265	44.693	28.1825	29.64406	38.46848	55.33014	0.4412	2.095895	2.2062	9.9124
266	44.693	28.1825	25.68399	38.46848	51.50058	0.6392	2.180457	2.3403	10.18053
267	44.693	28.1825	22.22302	38.46848	48.13377	0.8123	2.281185	2.4843	10.46851
268	44.693	28.1825	18.43775	38.46848	44.39237	1.0015	2.440354	2.6907	10.88148
269	44.693	28.1825	15.50233	38.46848	41.38495	1.1483	2.62838	2.9155	11.33091
270	44.693	28.1825	12.50864	38.46848	38.05138	1.2980	2.94636	3.2709	12.04172
271	44.693	28.1825	28.49275	38.46848	57.49477	0.4988	1.816536	1.9412	9.382466

272	44.693	28.1825	24.34614	38.46848	53.81946	0.7061	1.858857	2.0354	9.570773
273	44.693	28.1825	20.66228	38.46848	50.60715	0.8903	1.910965	2.1335	9.767084
274	44.693	28.1825	16.52325	38.46848	47.0628	1.0973	1.998004	2.2723	10.04464
275	44.693	28.1825	13.16773	38.46848	44.23729	1.2650	2.110519	2.4268	10.35356
276	44.693	28.1825	9.462197	38.46848	41.13552	1.4503	2.335565	2.6981	10.89629
277	44.693	28.1825	28.19404	38.46848	59.99894	0.5137	1.522664	1.6511	8.802188
278	44.693	28.1825	23.99586	38.46848	56.4868	0.7236	1.514316	1.6952	8.890448
279	44.693	28.1825	20.24838	38.46848	53.43508	0.9110	1.503939	1.7317	8.963382
280	44.693	28.1825	16.00265	38.46848	50.09123	1.1233	1.486304	1.7671	9.034255
281	44.693	28.1825	12.50824	38.46848	47.44641	1.2980	1.462794	1.7873	9.074593
282	44.693	28.1825	8.520574	38.46848	44.56855	1.4974	1.412326	1.8505	9.200954
283	44.693	28.1825	28.77449	38.46848	62.80204	0.4847	1.231698	1.3529	8.205746
284	44.693	28.1825	24.67526	38.46848	59.45572	0.6897	1.174436	1.3469	8.193703
285	44.693	28.1825	21.04908	38.46848	56.5644	0.8710	1.104542	1.3223	8.144569
286	44.693	28.1825	17.00446	38.46848	53.4168	1.0732	0.989537	1.3206	8.141171
287	44.693	28.1825	13.76674	38.46848	50.94493	1.2351	0.844656	1.4463	8.392502
288	44.693	28.1825	10.27945	38.46848	48.27607	1.4095	0.56987	1.5519	8.603837
289	44.693	28.1825	9.081315	38.46848	47.32361	1.4694	0.414136	1.5729	8.645785
290	44.693	28.1825	6.527777	38.46848	44.93006	1.5970	0.256861	1.6613	8.822501
291	44.693	28.1825	5.873348	38.46848	43.76749	1.6298	0.796317	1.8288	9.157672
292	44.693	28.1825	6.329027	38.46848	42.03977	1.6070	1.729503	2.1312	9.762492
293	44.693	28.1825	30.18341	38.46848	65.86593	0.4143	0.960088	1.0637	7.627302
294	44.693	28.1825	26.30467	38.46848	62.68338	0.6082	0.864754	1.0168	7.533603
295	44.693	28.1825	22.93754	38.46848	59.94794	0.7765	0.752727	0.9647	7.429458
296	44.693	28.1825	19.29297	38.46848	56.98753	0.9588	0.579439	1.1036	7.707271
297	44.693	28.1825	16.5103	38.46848	54.67733	1.0979	0.381061	1.1932	7.886348
298	44.693	28.1825	13.73806	38.46848	52.19965	1.2365	0.061484	1.2519	8.003785
299	44.693	28.1825	12.86613	38.46848	51.32006	1.2801	0.091579	1.3030	8.106025
300	44.693	28.1825	11.21066	38.46848	49.12163	1.3629	0.59886	1.5126	8.525212
301	44.693	28.1825	10.84266	38.46848	48.06056	1.3813	0.911865	1.6093	8.718515
302	44.693	28.1825	11.09611	38.46848	46.49264	1.3686	1.429125	1.7713	9.042558
303	44.693	28.1825	32.31261	38.46848	69.15594	0.3078	0.718441	0.7954	7.090779
304	44.693	28.1825	28.72286	38.46848	66.13191	0.4873	0.599116	0.7209	6.941873
305	44.693	28.1825	25.67485	38.46848	63.5451	0.6397	0.465008	0.7559	7.011868
306	44.693	28.1825	22.47856	38.46848	60.76021	0.7995	0.270567	0.8671	7.234276
307	44.693	28.1825	20.14093	38.46848	58.59892	0.9164	0.066389	0.9330	7.365949
308	44.693	28.1825	17.93882	38.46848	56.29411	1.0265	0.226773	1.0832	7.666353
309	44.693	28.1825	17.28017	38.46848	55.47948	1.0594	0.354377	1.1480	7.79602
310	44.693	28.1825	16.08558	38.46848	53.4524	1.1191	0.736835	1.3034	8.106707
311	44.693	28.1825	15.83131	38.46848	52.47896	1.1319	0.954703	1.3705	8.241069
312	44.693	28.1825	16.00595	38.46848	51.04694	1.1231	1.310893	1.5917	8.683348
313	44.693	28.1825	35.03102	38.46848	72.64137	0.1719	0.510423	0.5534	6.606782
314	44.693	28.1825	31.75011	38.46848	69.76858	0.3359	0.379332	0.4633	6.426623
315	44.693	28.1825	29.0218	38.46848	67.32164	0.4723	0.238035	0.5318	6.563686
316	44.693	28.1825	26.23648	38.46848	64.69951	0.6116	0.044039	0.6226	6.74522
317	44.693	28.1825	24.26364	38.46848	62.67422	0.7102	0.147044	0.7470	6.994007

318	44.693	28.1825	22.46927	38.46848	60.5248	0.8000	0.402466	0.9006	7.301154
319	44.693	28.1825	21.94701	38.46848	59.76785	0.8261	0.508019	0.9531	7.406156
320	44.693	28.1825	21.01935	38.46848	57.89113	0.8725	0.810363	1.0750	7.650095
321	44.693	28.1825	20.8254	38.46848	56.99356	0.8822	0.977004	1.1975	7.895086
322	44.693	28.1825	20.95847	38.46848	55.67777	0.8755	1.248334	1.4672	8.434419
323	44.693	28.1825	38.21307	38.46848	76.29543	0.0128	0.334655	0.3378	6.175695
324	44.693	28.1825	35.22977	38.46848	73.56547	0.1619	0.200317	0.2408	5.981601
325	44.693	28.1825	32.79225	38.46848	71.24905	0.2838	0.060538	0.2989	6.097892
326	44.693	28.1825	30.3549	38.46848	68.77682	0.4057	0.123477	0.4365	6.373097
327	44.693	28.1825	28.6669	38.46848	66.87512	0.4901	0.296791	0.5643	6.628554
328	44.693	28.1825	27.16496	38.46848	64.86506	0.5652	0.518366	0.6948	6.889535
329	44.693	28.1825	26.73459	38.46848	64.15933	0.5867	0.607245	0.7539	7.007836
330	44.693	28.1825	25.97845	38.46848	62.4148	0.6245	0.855882	1.0120	7.524015
331	44.693	28.1825	25.82178	38.46848	61.58319	0.6323	0.990677	1.1488	7.797522
332	44.693	28.1825	25.92922	38.46848	60.36752	0.6270	1.209723	1.3665	8.232928
333	44.693	28.1825	41.75292	38.46848	80.09505	0.1642	0.187266	0.2283	5.956643
334	44.693	28.1825	39.04105	38.46848	77.49905	0.0286	0.054828	0.0620	5.62397
335	44.693	28.1825	36.85646	38.46848	75.30373	0.0806	0.079127	0.1004	5.700765
336	44.693	28.1825	34.70572	38.46848	72.969	0.1881	0.250022	0.2971	6.094113
337	44.693	28.1825	33.23941	38.46848	71.17939	0.2615	0.406033	0.4714	6.442792
338	44.693	28.1825	31.95312	38.46848	69.2943	0.3258	0.599833	0.6813	6.862551
339	44.693	28.1825	31.58806	38.46848	68.63413	0.3440	0.676164	0.7622	7.024339
340	44.693	28.1825	30.95072	38.46848	67.0062	0.3759	0.886793	0.9808	7.46153
341	44.693	28.1825	30.81933	38.46848	66.23227	0.3825	0.999916	1.0955	7.691061
342	44.693	28.1825	30.90941	38.46848	65.10347	0.3780	1.183544	1.2780	8.056065
343	44.693	28.1825	44.01187	38.46848	82.43516	0.2772	0.110595	0.3048	6.109637
344	44.693	28.1825	41.44807	38.46848	79.91522	0.1490	0.019262	0.1538	5.80759
345	44.693	28.1825	39.39718	38.46848	77.78812	0.0464	0.148781	0.1604	5.820779
346	44.693	28.1825	37.39285	38.46848	75.53022	0.0538	0.311582	0.3250	6.150055
347	44.693	28.1825	36.03605	38.46848	73.80275	0.1216	0.458119	0.4885	6.477049
348	44.693	28.1825	34.85313	38.46848	71.98638	0.1808	0.6379	0.6831	6.866185
349	44.693	28.1825	34.51875	38.46848	71.35113	0.1975	0.708168	0.7575	7.01508
350	44.693	28.1825	33.93649	38.46848	69.78661	0.2266	0.900982	0.9576	7.415265
351	44.693	28.1825	33.81671	38.46848	69.04385	0.2326	1.004147	1.0623	7.624588
352	44.693	28.1825	33.89883	38.46848	67.96177	0.2285	1.171536	1.2287	7.957312
353	44.693	28.1825	41.12743	38.46848	79.46619	0.1329	0.190439	0.2237	5.947351
354	44.693	28.1825	39.21165	38.46848	77.25735	0.0372	0.347946	0.3572	6.214472
355	44.693	28.1825	37.91998	38.46848	75.56937	0.0274	0.488592	0.4954	6.490896
356	44.693	28.1825	36.79768	38.46848	73.7965	0.0835	0.659964	0.6808	6.861697
357	44.693	28.1825	36.48112	38.46848	73.17697	0.0994	0.726665	0.7515	7.003013
358	44.693	28.1825	35.93068	38.46848	71.65232	0.1269	0.909141	0.9409	7.381728
359	44.693	28.1825	35.81757	38.46848	70.9291	0.1325	1.006577	1.0397	7.579427
360	44.693	28.1825	35.89511	38.46848	69.87622	0.1287	1.164633	1.1968	7.893601
361	44.693	28.1825	45.54704	38.46848	83.72037	0.3539	0.280489	0.4241	6.3481
362	44.693	28.1825	43.82489	38.46848	81.62673	0.2678	0.425478	0.4924	6.484866
363	44.693	28.1825	42.67308	38.46848	80.03096	0.2102	0.55289	0.6054	6.710894

364	44.693	28.1825	41.67897	38.46848	78.35909	0.1605	0.706058	0.7462	6.992379
365	44.693	28.1825	41.39975	38.46848	77.77591	0.1466	0.765194	0.8018	7.103669
366	44.693	28.1825	40.91553	38.46848	76.34316	0.1224	0.926047	0.9566	7.41327
367	44.693	28.1825	40.81624	38.46848	75.6648	0.1174	1.011606	1.0410	7.581906
368	44.693	28.1825	50.07594	38.46848	88.05296	0.5804	0.354435	0.6690	6.837963
369	44.693	28.1825	48.51482	38.46848	86.06478	0.5023	0.488134	0.6244	6.748701
370	44.693	28.1825	47.47693	38.46848	84.55281	0.4504	0.60424	0.7168	6.933691
371	44.693	28.1825	46.58544	38.46848	82.97211	0.4058	0.742467	0.8439	7.187857
372	44.693	28.1825	46.3358	38.46848	82.42158	0.3934	0.795528	0.8939	7.287738
373	44.693	28.1825	45.90368	38.46848	81.07097	0.3718	0.939279	1.0322	7.564438
374	44.693	28.1825	45.8152	38.46848	80.43249	0.3673	1.015538	1.1074	7.714744
375	44.693	28.1825	54.68699	38.46848	92.45295	0.8109	0.416017	0.9149	7.329859
376	44.693	28.1825	53.26119	38.46848	90.56142	0.7396	0.539686	0.8746	7.249114
377	44.693	28.1825	52.31755	38.46848	89.12576	0.6925	0.646122	0.8540	7.207968
378	44.693	28.1825	51.5099	38.46848	87.62759	0.6521	0.771925	0.9349	7.369886
379	44.693	28.1825	51.28424	38.46848	87.10649	0.6408	0.820014	0.9802	7.460423
380	44.693	28.1825	50.89415	38.46848	85.82964	0.6213	0.949917	1.1052	7.710476
381	44.693	28.1825	50.81436	38.46848	85.22681	0.6173	1.018696	1.1730	7.84604
382	44.693	28.1825	59.36105	38.46848	96.91115	1.0446	0.467962	1.1616	7.823238
383	44.693	28.1825	58.05017	38.46848	95.10833	0.9791	0.582768	1.1248	7.749552
384	44.693	28.1825	57.1856	38.46848	93.74234	0.9359	0.680892	1.1061	7.712158
385	44.693	28.1825	56.44765	38.46848	92.31912	0.8990	0.796237	1.0980	7.696035
386	44.693	28.1825	56.2418	38.46848	91.82464	0.8887	0.840188	1.0987	7.697426
387	44.693	28.1825	64.08433	38.46848	101.4199	1.2808	0.512289	1.4089	8.317729
388	44.693	28.1825	62.872	38.46848	99.69864	1.2202	0.619263	1.3750	8.249983
389	44.693	28.1825	62.07463	38.46848	98.39639	1.1803	0.710196	1.3579	8.215713
390	44.693	28.1825	61.39547	38.46848	97.04145	1.1463	0.816634	1.3505	8.201016
391	44.693	28.1825	61.20627	38.46848	96.57116	1.1369	0.857091	1.3512	8.202324
392	44.693	28.1825	68.8467	38.46848	105.9727	1.5189	0.550506	1.6565	8.813075
393	44.693	28.1825	67.71968	38.46848	104.3266	1.4626	0.650546	1.6252	8.750393
394	44.693	28.1825	66.98005	38.46848	103.0828	1.4256	0.735215	1.6094	8.718764
395	44.693	28.1825	66.35112	38.46848	101.7903	1.3941	0.833986	1.6026	8.705257
396	44.693	28.1825	66.17609	38.46848	101.3421	1.3854	0.871457	1.6032	8.706489
Total Waktu Pekerjaan Pengangkutan <i>Scaffolding</i>									1868.047 menit

Task	X	Y	$\rho(D)$	$\rho(S3)$	lj	Ta	Tw	Th	Total T
397	44.693	28.1825	52.83696	25.34474	60.71929	1.3746	2.460487	2.8041	14.10828
398	44.693	28.1825	50.72122	25.34474	57.25143	1.2688	2.577326	2.8945	14.28906
399	44.693	28.1825	49.05953	25.34474	54.24282	1.1857	2.689667	2.9861	14.4722
400	44.693	28.1825	47.46499	25.34474	50.95209	1.1060	2.82577	3.1023	14.70455
401	44.693	28.1825	46.40362	25.34474	48.35446	1.0529	2.944241	3.2075	14.91495
402	44.693	28.1825	45.4911	25.34474	45.53411	1.0073	3.085554	3.3374	15.17477
403	44.693	28.1825	45.23542	25.34474	44.52306	0.9945	3.13986	3.3885	15.27699
404	44.693	28.1825	44.79269	25.34474	41.97019	0.9724	3.287102	3.5302	15.5604
405	44.693	28.1825	44.70201	25.34474	40.72326	0.9679	3.365253	3.6072	15.71444

406	44.693	28.1825	44.76416	25.34474	38.86051	0.9710	3.49194	3.7347	15.96937
407	44.693	28.1825	47.85856	25.34474	57.64584	1.1257	2.348716	2.6301	13.76028
408	44.693	28.1825	45.51197	25.34474	53.9809	1.0084	2.473148	2.7252	13.95048
409	44.693	28.1825	43.65243	25.34474	50.77888	0.9154	2.594942	2.8238	14.14758
410	44.693	28.1825	41.85239	25.34474	47.2475	0.8254	2.745114	2.9515	14.40292
411	44.693	28.1825	40.64473	25.34474	44.43382	0.7650	2.877902	3.0692	14.6383
412	44.693	28.1825	39.59973	25.34474	41.34689	0.7127	3.038361	3.2165	14.9331
413	44.693	28.1825	39.30574	25.34474	40.23075	0.6981	3.100503	3.2750	15.05003
414	44.693	28.1825	38.7954	25.34474	37.38593	0.6725	3.269904	3.4380	15.37607
415	44.693	28.1825	38.69066	25.34474	35.98048	0.6673	3.360141	3.5270	15.55393
416	44.693	28.1825	38.76245	25.34474	33.85779	0.6709	3.506481	3.6742	15.8484
417	44.693	28.1825	43.1637	25.34474	55.06939	0.8909	2.212426	2.4352	13.37033
418	44.693	28.1825	40.5463	25.34474	51.22043	0.7601	2.34333	2.5333	13.5667
419	44.693	28.1825	38.44734	25.34474	47.83398	0.6551	2.474541	2.6383	13.77665
420	44.693	28.1825	36.39074	25.34474	44.06723	0.5523	2.64033	2.7784	14.05681
421	44.693	28.1825	34.9951	25.34474	41.03607	0.4825	2.790291	2.9109	14.32184
422	44.693	28.1825	33.77575	25.34474	37.67174	0.4216	2.975062	3.0804	14.6609
423	44.693	28.1825	33.43059	25.34474	36.44322	0.4043	3.04747	3.1485	14.79709
424	44.693	28.1825	32.82904	25.34474	33.27616	0.3742	3.246536	3.3401	15.18018
425	44.693	28.1825	32.7052	25.34474	31.68895	0.3680	3.353183	3.4452	15.39038
426	44.693	28.1825	32.7901	25.34474	29.25654	0.3723	3.526248	3.6193	15.73863
427	44.693	28.1825	38.81734	25.34474	53.04282	0.6736	2.043936	2.2123	12.92469
428	44.693	28.1825	35.8843	25.34474	49.03504	0.5270	2.178231	2.3100	13.11995
429	44.693	28.1825	33.49445	25.34474	45.48617	0.4075	2.317197	2.4191	13.33814
430	44.693	28.1825	31.11215	25.34474	41.50691	0.2884	2.498999	2.5711	13.64218
431	44.693	28.1825	29.46757	25.34474	38.27351	0.2061	2.669141	2.7207	13.94135
432	44.693	28.1825	28.0086	25.34474	34.64193	0.1332	2.885355	2.9187	14.33731
433	44.693	28.1825	27.59139	25.34474	33.30182	0.1123	2.971746	2.9998	14.49966
434	44.693	28.1825	26.85938	25.34474	29.80278	0.0757	3.212712	3.2316	14.96329
435	44.693	28.1825	26.70788	25.34474	28.0195	0.0682	3.343082	3.3601	15.22024
436	44.693	28.1825	26.81177	25.34474	25.23584	0.0734	3.554886	3.5732	15.64645
437	44.693	28.1825	34.96378	25.34474	51.63762	0.4810	1.835743	1.9560	12.41196
438	44.693	28.1825	31.67591	25.34474	47.51145	0.3166	1.966676	2.0458	12.59163
439	44.693	28.1825	28.94061	25.34474	43.83942	0.1798	2.107927	2.1529	12.80575
440	44.693	28.1825	26.14664	25.34474	39.69542	0.0401	2.302072	2.3121	13.12419
441	44.693	28.1825	24.16646	25.34474	36.30103	0.0589	2.493536	2.5083	13.51653
442	44.693	28.1825	22.3643	25.34474	32.44944	0.1490	2.74979	2.7870	14.07409
443	44.693	28.1825	21.83953	25.34474	31.01474	0.1753	2.85578	2.8996	14.29919
444	44.693	28.1825	20.9071	25.34474	27.2233	0.2219	3.159595	3.2151	14.93013
445	44.693	28.1825	20.7121	25.34474	25.25857	0.2316	3.327132	3.3850	15.27008
446	44.693	28.1825	20.8459	25.34474	22.13031	0.2249	3.599938	3.6562	15.81235
447	44.693	28.1825	34.09745	25.34474	51.38988	0.4376	1.776632	1.8860	12.27208
448	44.693	28.1825	30.71699	25.34474	47.24207	0.2686	1.905041	1.9722	12.44439
449	44.693	28.1825	27.88779	25.34474	43.54734	0.1272	2.045242	2.0770	12.65406
450	44.693	28.1825	24.97632	25.34474	39.37261	0.0184	2.240875	2.2455	12.99096
451	44.693	28.1825	22.89515	25.34474	35.94774	0.1225	2.437125	2.4677	13.43549

452	44.693	28.1825	20.98409	25.34474	32.05373	0.2180	2.704598	2.7591	14.01821
453	44.693	28.1825	20.42389	25.34474	30.60048	0.2460	2.816642	2.8782	14.25631
454	44.693	28.1825	19.42362	25.34474	26.7504	0.2961	3.141235	3.2152	14.9305
455	44.693	28.1825	19.21357	25.34474	24.74815	0.3066	3.32159	3.3982	15.29646
456	44.693	28.1825	19.35773	25.34474	21.54591	0.2994	3.615536	3.6904	15.88075
457	44.693	28.1825	31.55476	25.34474	50.87572	0.3105	1.557724	1.6353	11.7707
458	44.693	28.1825	27.86755	25.34474	46.68225	0.1261	1.6708	1.7023	11.90467
459	44.693	28.1825	24.71428	25.34474	42.93937	0.0315	1.799729	1.8076	12.11522
460	44.693	28.1825	21.37484	25.34474	38.69911	0.1985	1.990459	2.0401	12.58017
461	44.693	28.1825	18.90119	25.34474	35.20879	0.3222	2.195916	2.2765	13.05292
462	44.693	28.1825	16.53479	25.34474	31.22276	0.4405	2.500363	2.6105	13.72097
463	44.693	28.1825	29.64406	25.34474	50.85034	0.2150	1.305694	1.3594	11.21887
464	44.693	28.1825	25.68399	25.34474	46.6546	0.0170	1.390256	1.3945	11.28899
465	44.693	28.1825	22.22302	25.34474	42.90931	0.1561	1.490984	1.5300	11.56001
466	44.693	28.1825	18.43775	25.34474	38.66575	0.3453	1.650153	1.7365	11.97298
467	44.693	28.1825	15.50233	25.34474	35.17212	0.4921	1.838179	1.9612	12.42242
468	44.693	28.1825	12.50864	25.34474	31.1814	0.6418	2.156159	2.3166	13.13322
469	44.693	28.1825	28.49275	25.34474	51.31449	0.1574	1.026336	1.0657	10.63137
470	44.693	28.1825	24.34614	25.34474	47.16005	0.0499	1.068657	1.0811	10.66228
471	44.693	28.1825	20.66228	25.34474	43.45834	0.2341	1.120764	1.1793	10.85859
472	44.693	28.1825	16.52325	25.34474	39.27415	0.4411	1.207804	1.3181	11.13615
473	44.693	28.1825	13.16773	25.34474	35.83988	0.6089	1.320318	1.4725	11.44506
474	44.693	28.1825	9.462197	25.34474	31.93272	0.7941	1.545365	1.7439	11.98779
475	44.693	28.1825	28.19404	25.34474	52.2551	0.1425	0.732463	0.7681	10.03616
476	44.693	28.1825	23.99586	25.34474	48.18184	0.0674	0.724116	0.7410	9.981954
477	44.693	28.1825	20.24838	25.34474	44.56508	0.2548	0.713739	0.7774	10.05489
478	44.693	28.1825	16.00265	25.34474	40.49541	0.4671	0.696104	0.8129	10.12576
479	44.693	28.1825	12.50824	25.34474	37.17413	0.6418	0.672593	0.8330	10.1661
480	44.693	28.1825	8.520574	25.34474	33.42331	0.8412	0.622126	0.9967	10.49348
481	44.693	28.1825	28.77449	25.34474	53.64713	0.1715	0.441498	0.4844	9.468739
482	44.693	28.1825	24.67526	25.34474	49.68811	0.0335	0.384236	0.3926	9.285209
483	44.693	28.1825	21.04908	25.34474	46.18945	0.2148	0.314342	0.3680	9.236075
484	44.693	28.1825	17.00446	25.34474	42.27644	0.4170	0.199337	0.4668	9.433696
485	44.693	28.1825	13.76674	25.34474	39.10672	0.5789	0.054456	0.5925	9.685028
486	44.693	28.1825	10.27945	25.34474	35.56032	0.7533	0.220331	0.8083	10.11669
487	44.693	28.1825	9.081315	25.34474	34.25616	0.8132	0.376065	0.9072	10.31437
488	44.693	28.1825	6.527777	25.34474	30.8655	0.9408	1.047061	1.2823	11.06455
489	44.693	28.1825	5.873348	25.34474	29.14732	0.9736	1.586517	1.8299	12.15982
490	44.693	28.1825	6.329027	25.34474	26.48247	0.9508	2.519703	2.7574	14.0148
491	44.693	28.1825	30.18341	25.34474	55.45659	0.2419	0.169887	0.2844	9.06881
492	44.693	28.1825	26.30467	25.34474	51.63649	0.0480	0.074553	0.0866	8.673104
493	44.693	28.1825	22.93754	25.34474	48.27924	0.1204	0.037473	0.1297	8.759457
494	44.693	28.1825	19.29297	25.34474	44.55015	0.3026	0.210761	0.3553	9.210557
495	44.693	28.1825	16.5103	25.34474	41.55423	0.4417	0.409139	0.5440	9.588013
496	44.693	28.1825	13.73806	25.34474	38.23553	0.5803	0.728716	0.8738	10.2476
497	44.693	28.1825	12.86613	25.34474	37.02571	0.6239	0.881779	1.0378	10.57552

498	44.693	28.1825	11.21066	25.34474	33.91309	0.7067	1.389061	1.5657	11.63147
499	44.693	28.1825	10.84266	25.34474	32.35715	0.7251	1.702065	1.8833	12.26668
500	44.693	28.1825	11.09611	25.34474	29.979	0.7124	2.219325	2.3974	13.29487
501	44.693	28.1825	32.31261	25.34474	57.64419	0.3484	0.071759	0.3663	9.232667
502	44.693	28.1825	28.72286	25.34474	53.97913	0.1689	0.191084	0.2333	8.966622
503	44.693	28.1825	25.67485	25.34474	50.777	0.0165	0.325192	0.3293	9.158637
504	44.693	28.1825	22.47856	25.34474	47.24548	0.1433	0.519633	0.5555	9.610921
505	44.693	28.1825	20.14093	25.34474	44.43167	0.2602	0.723812	0.7889	10.07772
506	44.693	28.1825	17.93882	25.34474	41.34458	0.3703	1.016974	1.1095	10.7191
507	44.693	28.1825	17.28017	25.34474	40.22838	0.4032	1.144577	1.2454	10.99077
508	44.693	28.1825	16.08558	25.34474	37.38338	0.4630	1.527035	1.6428	11.78555
509	44.693	28.1825	15.83131	25.34474	35.97783	0.4757	1.744903	1.8638	12.22764
510	44.693	28.1825	16.00595	25.34474	33.85497	0.4669	2.101093	2.2178	12.93566
511	44.693	28.1825	35.03102	25.34474	60.16869	0.4843	0.279778	0.5543	9.608517
512	44.693	28.1825	31.75011	25.34474	56.66715	0.3203	0.410868	0.4909	9.481871
513	44.693	28.1825	29.0218	25.34474	53.62576	0.1839	0.552166	0.5981	9.696258
514	44.693	28.1825	26.23648	25.34474	50.29467	0.0446	0.746162	0.7573	10.01462
515	44.693	28.1825	24.26364	25.34474	47.66122	0.0541	0.937245	0.9508	10.40152
516	44.693	28.1825	22.46927	25.34474	44.79725	0.1438	1.192666	1.2286	10.95722
517	44.693	28.1825	21.94701	25.34474	43.76919	0.1699	1.298219	1.3407	11.18138
518	44.693	28.1825	21.01935	25.34474	41.1696	0.2163	1.600564	1.6546	11.80926
519	44.693	28.1825	20.8254	25.34474	39.89766	0.2260	1.767205	1.8237	12.14739
520	44.693	28.1825	20.95847	25.34474	37.99445	0.2193	2.038535	2.0934	12.68673
521	44.693	28.1825	38.21307	25.34474	62.98961	0.6434	0.455545	0.7573	10.01461
522	44.693	28.1825	35.22977	25.34474	59.65387	0.4943	0.589884	0.7134	9.926893
523	44.693	28.1825	32.79225	25.34474	56.77272	0.3724	0.729662	0.8228	10.14551
524	44.693	28.1825	30.3549	25.34474	53.63742	0.2505	0.913677	0.9763	10.45261
525	44.693	28.1825	28.6669	25.34474	51.17628	0.1661	1.086992	1.1285	10.75704
526	44.693	28.1825	27.16496	25.34474	48.52023	0.0910	1.308567	1.3313	11.16264
527	44.693	28.1825	26.73459	25.34474	47.57269	0.0695	1.397445	1.4148	11.32964
528	44.693	28.1825	25.97845	25.34474	45.19242	0.0317	1.646082	1.6540	11.80801
529	44.693	28.1825	25.82178	25.34474	44.03683	0.0239	1.780878	1.7868	12.07368
530	44.693	28.1825	25.92922	25.34474	42.32018	0.0292	1.999924	2.0072	12.51446
531	44.693	28.1825	41.75292	25.34474	66.06898	0.8204	0.602935	0.9711	10.44229
532	44.693	28.1825	39.04105	25.34474	62.89677	0.6848	0.735373	0.9066	10.31315
533	44.693	28.1825	36.85646	25.34474	60.17109	0.5756	0.869327	1.0132	10.52645
534	44.693	28.1825	34.70572	25.34474	57.2223	0.4680	1.040222	1.1572	10.81447
535	44.693	28.1825	33.23941	25.34474	54.92204	0.3947	1.196233	1.2949	11.08983
536	44.693	28.1825	31.95312	25.34474	52.456	0.3304	1.390034	1.4726	11.44528
537	44.693	28.1825	31.58806	25.34474	51.58081	0.3122	1.466365	1.5444	11.58881
538	44.693	28.1825	30.95072	25.34474	49.39407	0.2803	1.676993	1.7471	11.99414
539	44.693	28.1825	30.81933	25.34474	48.33902	0.2737	1.790117	1.8585	12.2171
540	44.693	28.1825	30.90941	25.34474	46.78051	0.2782	1.973744	2.0433	12.58661
541	44.693	28.1825	44.01187	25.34474	68.02518	0.9334	0.679605	1.1033	10.70652
542	44.693	28.1825	41.44807	25.34474	64.94859	0.8052	0.809463	1.0108	10.52151
543	44.693	28.1825	39.39718	25.34474	62.31273	0.7026	0.938981	1.1146	10.72927

544	44.693	28.1825	37.39285	25.34474	59.47023	0.6024	1.101783	1.2524	11.00477
545	44.693	28.1825	36.03605	25.34474	57.26033	0.5346	1.248319	1.3820	11.26392
546	44.693	28.1825	34.85313	25.34474	54.89943	0.4754	1.428101	1.5470	11.59391
547	44.693	28.1825	34.51875	25.34474	54.06381	0.4587	1.498369	1.6130	11.72609
548	44.693	28.1825	33.93649	25.34474	51.98163	0.4296	1.691183	1.7986	12.09716
549	44.693	28.1825	33.81671	25.34474	50.98016	0.4236	1.794347	1.9002	12.30049
550	44.693	28.1825	33.89883	25.34474	49.50487	0.4277	1.961736	2.0687	12.63732
551	44.693	28.1825	41.12743	25.34474	63.78072	0.7891	0.980639	1.1779	10.85585
552	44.693	28.1825	39.21165	25.34474	61.00665	0.6933	1.138147	1.3115	11.12297
553	44.693	28.1825	37.91998	25.34474	58.85448	0.6288	1.278792	1.4360	11.37197
554	44.693	28.1825	36.79768	25.34474	56.56015	0.5726	1.450164	1.5933	11.68665
555	44.693	28.1825	36.48112	25.34474	55.74943	0.5568	1.516865	1.6561	11.81214
556	44.693	28.1825	35.93068	25.34474	53.73261	0.5293	1.699342	1.8317	12.16333
557	44.693	28.1825	35.81757	25.34474	52.76438	0.5236	1.796777	1.9277	12.35538
558	44.693	28.1825	35.89511	25.34474	51.34039	0.5275	1.954834	2.0867	12.67343
559	44.693	28.1825	45.54704	25.34474	67.56773	1.0101	1.070689	1.3232	11.14644
560	44.693	28.1825	43.82489	25.34474	64.9556	0.9240	1.215679	1.4467	11.39336
561	44.693	28.1825	42.67308	25.34474	62.93861	0.8664	1.34309	1.5597	11.61939
562	44.693	28.1825	41.67897	25.34474	60.7986	0.8167	1.496259	1.7004	11.90087
563	44.693	28.1825	41.39975	25.34474	60.04513	0.8028	1.555394	1.7561	12.01216
564	44.693	28.1825	40.91553	25.34474	58.17742	0.7785	1.716247	1.9109	12.32176
565	44.693	28.1825	40.81624	25.34474	57.28437	0.7736	1.801807	1.9952	12.4904
566	44.693	28.1825	50.07594	25.34474	71.50397	1.2366	1.144636	1.5227	11.54544
567	44.693	28.1825	48.51482	25.34474	69.04092	1.1585	1.278335	1.5680	11.63592
568	44.693	28.1825	47.47693	25.34474	67.14676	1.1066	1.39444	1.6711	11.84219
569	44.693	28.1825	46.58544	25.34474	65.14514	1.0620	1.532667	1.7982	12.09635
570	44.693	28.1825	46.3358	25.34474	64.44251	1.0496	1.585728	1.8481	12.19623
571	44.693	28.1825	45.90368	25.34474	62.70591	1.0279	1.729479	1.9865	12.47293
572	44.693	28.1825	45.8152	25.34474	61.87825	1.0235	1.805739	2.0616	12.62324
573	44.693	28.1825	54.68699	25.34474	75.56611	1.4671	1.206217	1.7687	12.03733
574	44.693	28.1825	53.26119	25.34474	73.2398	1.3958	1.329886	1.7283	11.95659
575	44.693	28.1825	52.31755	25.34474	71.45702	1.3486	1.436322	1.7735	12.04696
576	44.693	28.1825	51.5099	25.34474	69.57951	1.3083	1.562126	1.8892	12.27838
577	44.693	28.1825	51.28424	25.34474	68.9221	1.2970	1.610215	1.9345	12.36892
578	44.693	28.1825	50.89415	25.34474	67.30119	1.2775	1.740117	2.0595	12.61897
579	44.693	28.1825	50.81436	25.34474	66.53072	1.2735	1.808897	2.1273	12.75453
580	44.693	28.1825	59.36105	25.34474	79.73491	1.7008	1.258163	2.0154	12.53071
581	44.693	28.1825	58.05017	25.34474	77.53378	1.6353	1.372968	1.9785	12.45703
582	44.693	28.1825	57.1856	25.34474	75.852	1.5920	1.471092	1.9598	12.41963
583	44.693	28.1825	56.44765	25.34474	74.08594	1.5551	1.586437	1.9752	12.45045
584	44.693	28.1825	56.2418	25.34474	73.46887	1.5449	1.630388	2.0166	12.5332
585	44.693	28.1825	64.08433	25.34474	83.99449	1.9370	1.302489	2.2626	13.0252
586	44.693	28.1825	62.872	25.34474	81.90791	1.8764	1.409463	2.2287	12.95746
587	44.693	28.1825	62.07463	25.34474	80.31777	1.8365	1.500397	2.2116	12.92319
588	44.693	28.1825	61.39547	25.34474	78.65205	1.8025	1.606834	2.2042	12.90849
589	44.693	28.1825	61.20627	25.34474	78.07108	1.7931	1.647292	2.2049	12.9098

590	44.693	28.1825	68.8467	25.34474	88.33172	2.1751	1.340707	2.5103	13.52055
591	44.693	28.1825	67.71968	25.34474	86.35002	2.1187	1.440746	2.4789	13.45787
592	44.693	28.1825	66.98005	25.34474	84.84317	2.0818	1.525415	2.4631	13.42624
593	44.693	28.1825	66.35112	25.34474	83.26803	2.0503	1.624186	2.4564	13.41273
594	44.693	28.1825	66.17609	25.34474	82.71948	2.0416	1.661657	2.4570	13.41396
Total Waktu Pekerjaan Pengangkutan Bekisting									1868.047 menit

Total Waktu Semua Pekerjaan Pengangkutan = 5589.165
menit



Task	X	Y	$\rho(D)$	$\rho(S1)$	lj	Ta	T ω	Th	Total T
1	47.604	34.4659	58.77067	33.58814	39.13911	1.2591	4.08958	4.4044	13.80872
2	47.604	34.4659	56.41016	33.58814	35.25242	1.1411	4.190158	4.4754	13.95087
3	47.604	34.4659	54.49014	33.58814	31.84966	1.0451	4.287006	4.5483	14.09656
4	47.604	34.4659	52.55335	33.58814	28.10025	0.9483	4.404853	4.6419	14.28384
5	47.604	34.4659	51.16875	33.58814	25.13235	0.8790	4.508187	4.7279	14.45589
6	47.604	34.4659	49.84094	33.58814	21.93364	0.8126	4.632738	4.8359	14.6718
7	47.604	34.4659	49.41732	33.58814	20.80569	0.7915	4.681064	4.8789	14.75786
8	47.604	34.4659	48.49687	33.58814	18.06439	0.7454	4.813624	5.0000	14.99997
9	47.604	34.4659	48.1398	33.58814	16.82829	0.7276	4.885011	5.0669	15.13381
10	47.604	34.4659	47.75221	33.58814	15.23351	0.7082	5.002455	5.1795	15.35901
11	47.604	34.4659	54.01567	33.58814	37.39955	1.0214	3.980703	4.2360	13.47209
12	47.604	34.4659	51.43741	33.58814	33.3105	0.8925	4.085562	4.3087	13.61736
13	47.604	34.4659	49.3242	33.58814	29.68598	0.7868	4.188082	4.3848	13.76957
14	47.604	34.4659	47.1758	33.58814	25.62188	0.6794	4.314811	4.4847	13.96931
15	47.604	34.4659	45.62831	33.58814	22.32692	0.6020	4.42761	4.5781	14.15622
16	47.604	34.4659	44.13412	33.58814	18.65318	0.5273	4.565452	4.6973	14.39455
17	47.604	34.4659	43.65517	33.58814	17.31281	0.5034	4.619428	4.7453	14.49053
18	47.604	34.4659	42.61042	33.58814	13.89888	0.4511	4.768685	4.8815	14.76293
19	47.604	34.4659	42.20358	33.58814	12.2494	0.4308	4.849664	4.9574	14.91471
20	47.604	34.4659	41.76093	33.58814	9.94568	0.4086	4.983531	5.0857	15.17138
21	47.604	34.4659	49.55308	33.58814	36.57858	0.7982	3.852083	4.0516	13.10329
22	47.604	34.4659	46.72924	33.58814	32.38605	0.6571	3.959792	4.1241	13.24811
23	47.604	34.4659	44.39247	33.58814	28.64479	0.5402	4.067136	4.2022	13.40438
24	47.604	34.4659	41.99251	33.58814	24.40793	0.4202	4.202569	4.3076	13.61525
25	47.604	34.4659	40.2462	33.58814	20.92267	0.3329	4.325574	4.4088	13.8176
26	47.604	34.4659	38.54394	33.58814	16.94721	0.2478	4.478796	4.5407	14.08149
27	47.604	34.4659	37.99458	33.58814	15.45962	0.2203	4.539588	4.5947	14.18934
28	47.604	34.4659	36.78943	33.58814	11.5085	0.1601	4.709691	4.7497	14.49941
29	47.604	34.4659	36.31744	33.58814	9.45063	0.1365	4.803005	4.8371	14.67424
30	47.604	34.4659	35.80209	33.58814	6.179253	0.1107	4.958397	4.9861	14.97214
31	47.604	34.4659	45.43419	33.58814	36.72948	0.5923	3.69878	3.8469	12.69371
32	47.604	34.4659	42.33651	33.58814	32.55638	0.4374	3.806592	3.9159	12.83189
33	47.604	34.4659	39.74229	33.58814	28.83722	0.3077	3.916637	3.9936	12.98713
34	47.604	34.4659	37.04225	33.58814	24.63349	0.1727	4.059251	4.1024	13.20485
35	47.604	34.4659	35.05018	33.58814	21.18536	0.0731	4.192403	4.2107	13.42136
36	47.604	34.4659	33.08161	33.58814	17.27048	0.0253	4.362902	4.3692	13.73847
37	47.604	34.4659	32.43988	33.58814	15.81333	0.0574	4.431884	4.4462	13.89248
38	47.604	34.4659	31.01968	33.58814	11.97944	0.1284	4.628466	4.6606	14.32114
39	47.604	34.4659	30.45841	33.58814	10.01878	0.1565	4.73821	4.7773	14.55466
40	47.604	34.4659	29.84205	33.58814	7.017462	0.1873	4.923148	4.9700	14.93995
41	47.604	34.4659	41.77348	33.58814	37.84331	0.4093	3.516823	3.6191	12.23828
42	47.604	34.4659	38.38148	33.58814	33.80798	0.2397	3.619945	3.6799	12.35972
43	47.604	34.4659	35.4994	33.58814	30.24313	0.0956	3.728292	3.7522	12.50437
44	47.604	34.4659	32.44821	33.58814	26.26539	0.0570	3.873622	3.8879	12.77574
45	47.604	34.4659	30.15415	33.58814	23.06255	0.1717	4.014513	4.0574	13.11488

46	47.604	34.4659	27.84154	33.58814	19.5277	0.2873	4.202338	4.2742	13.54834
47	47.604	34.4659	27.07589	33.58814	18.25166	0.3256	4.280645	4.3620	13.7241
48	47.604	34.4659	25.35702	33.58814	15.0522	0.4116	4.510568	4.6135	14.22691
49	47.604	34.4659	24.66723	33.58814	13.54391	0.4460	4.642784	4.7543	14.50859
50	47.604	34.4659	23.902	33.58814	11.50245	0.4843	4.870345	4.9914	14.98284
51	47.604	34.4659	40.94463	33.58814	38.26397	0.3678	3.466438	3.5584	12.11679
52	47.604	34.4659	37.47769	33.58814	34.2782	0.1945	3.567335	3.6160	12.23191
53	47.604	34.4659	34.52024	33.58814	30.76788	0.0466	3.674189	3.6858	12.37168
54	47.604	34.4659	31.37397	33.58814	26.86793	0.1107	3.818933	3.8466	12.69322
55	47.604	34.4659	28.99504	33.58814	23.74651	0.2297	3.960846	4.0183	13.03652
56	47.604	34.4659	26.58177	33.58814	20.33092	0.3503	4.152452	4.2400	13.48006
57	47.604	34.4659	25.77874	33.58814	19.1086	0.3905	4.233124	4.3307	13.66148
58	47.604	34.4659	23.96702	33.58814	16.08055	0.4811	4.472449	4.5927	14.18543
59	47.604	34.4659	23.23601	33.58814	14.67832	0.5176	4.611527	4.7409	14.48186
60	47.604	34.4659	22.42198	33.58814	12.81881	0.5583	4.852779	4.9924	14.98471
61	47.604	34.4659	38.47633	33.58814	40.04185	0.2444	3.28376	3.3449	11.68972
62	47.604	34.4659	34.7641	33.58814	36.25207	0.0588	3.373315	3.3880	11.77603
63	47.604	34.4659	31.55332	33.58814	32.9527	0.1017	3.470822	3.4963	11.99251
64	47.604	34.4659	28.07652	33.58814	29.34457	0.2756	3.607728	3.6766	12.35325
65	47.604	34.4659	25.3905	33.58814	26.51631	0.4099	3.747851	3.8503	12.70064
66	47.604	34.4659	22.59548	33.58814	23.50669	0.5496	3.947068	4.0845	13.16895
67	47.604	34.4659	36.52934	33.58814	42.33872	0.1471	3.078895	3.1157	11.23132
68	47.604	34.4659	32.59612	33.58814	38.7741	0.0496	3.150075	3.1625	11.32495
69	47.604	34.4659	29.14751	33.58814	35.70852	0.2220	3.229725	3.2852	11.57047
70	47.604	34.4659	25.34277	33.58814	32.40867	0.4123	3.345882	3.4489	11.8979
71	47.604	34.4659	22.3303	33.58814	29.87194	0.5629	3.470763	3.6115	12.22297
72	47.604	34.4659	19.09242	33.58814	27.23568	0.7248	3.66043	3.8416	12.68325
73	47.604	34.4659	35.19031	33.58814	45.07533	0.0801	2.85479	2.8748	10.74963
74	47.604	34.4659	31.08814	33.58814	41.74504	0.1250	2.900249	2.9315	10.863
75	47.604	34.4659	27.45072	33.58814	38.91422	0.3069	2.952282	3.0290	11.058
76	47.604	34.4659	23.37137	33.58814	35.91016	0.5108	3.030739	3.1584	11.3169
77	47.604	34.4659	20.06508	33.58814	33.63853	0.6762	3.119145	3.2882	11.57637
78	47.604	34.4659	16.38553	33.58814	31.32093	0.8601	3.26336	3.4784	11.95678
79	47.604	34.4659	34.53003	33.58814	48.17679	0.0471	2.617622	2.6294	10.25879
80	47.604	34.4659	30.33871	33.58814	45.07623	0.1625	2.631678	2.6723	10.34459
81	47.604	34.4659	26.599	33.58814	42.46804	0.3495	2.64797	2.7353	10.47067
82	47.604	34.4659	22.36484	33.58814	39.73359	0.5612	2.673018	2.8133	10.62662
83	47.604	34.4659	18.88313	33.58814	37.69308	0.7353	2.702075	2.8859	10.77178
84	47.604	34.4659	14.91478	33.58814	35.64012	0.9337	2.751873	2.9853	10.97058
85	47.604	34.4659	34.5874	33.58814	51.57733	0.0500	2.376292	2.3888	9.777565
86	47.604	34.4659	30.40399	33.58814	48.69378	0.1592	2.35701	2.3968	9.793623
87	47.604	34.4659	26.67343	33.58814	46.28987	0.3457	2.334686	2.4211	9.84224
88	47.604	34.4659	22.45331	33.58814	43.7947	0.5567	2.300427	2.4396	9.879224
89	47.604	34.4659	18.98782	33.58814	41.95219	0.7300	2.260791	2.4433	9.88659
90	47.604	34.4659	15.04711	33.58814	40.11778	0.9271	2.193188	2.4250	9.849903
91	47.604	34.4659	13.57824	33.58814	39.51238	1.0005	2.157744	2.4079	9.815735

92	47.604	34.4659	9.707879	33.58814	38.14019	1.1940	2.011062	2.3096	9.619131
93	47.604	34.4659	7.728969	33.58814	37.57051	1.2930	1.875801	2.1990	9.398082
94	47.604	34.4659	4.750811	33.58814	36.88376	1.4419	1.423257	1.7977	8.595361
95	47.604	34.4659	35.35892	33.58814	55.22173	0.0885	2.140657	2.1628	9.325583
96	47.604	34.4659	31.27886	33.58814	52.53858	0.1155	2.090669	2.1195	9.239069
97	47.604	34.4659	27.66653	33.58814	50.31869	0.2961	2.033627	2.1076	9.215293
98	47.604	34.4659	23.62448	33.58814	48.03326	0.4982	1.948012	2.0726	9.145116
99	47.604	34.4659	20.35933	33.58814	46.35951	0.6614	1.852188	2.0175	9.035096
100	47.604	34.4659	16.74457	33.58814	44.70631	0.8422	1.697549	1.9081	8.816187
101	47.604	34.4659	15.43805	33.58814	44.16386	0.9075	1.621155	1.8480	8.696062
102	47.604	34.4659	12.17407	33.58814	42.94056	1.0707	1.339718	1.6074	8.214788
103	47.604	34.4659	10.66311	33.58814	42.43537	1.1463	1.126231	1.4278	7.855618
104	47.604	34.4659	8.74844	33.58814	41.82858	1.2420	0.639674	1.4019	7.803807
105	47.604	34.4659	36.7997	33.58814	59.06486	0.1606	1.919275	1.9594	8.918838
106	47.604	34.4659	32.89882	33.58814	56.56431	0.0345	1.844679	1.8533	8.706592
107	47.604	34.4659	29.48562	33.58814	54.50861	0.2051	1.761552	1.8128	8.625668
108	47.604	34.4659	25.73094	33.58814	52.40622	0.3929	1.641043	1.7393	8.478515
109	47.604	34.4659	22.76988	33.58814	50.87654	0.5409	1.51251	1.6477	8.295475
110	47.604	34.4659	19.60473	33.58814	49.37482	0.6992	1.319482	1.4943	7.988549
111	47.604	34.4659	18.50131	33.58814	48.88419	0.7543	1.230551	1.4191	7.838272
112	47.604	34.4659	15.87995	33.58814	47.7819	0.8854	0.936389	1.1577	7.315483
113	47.604	34.4659	14.75354	33.58814	47.32842	0.9417	0.743296	1.1276	7.255108
114	47.604	34.4659	13.43504	33.58814	46.78512	1.0077	0.371528	1.1005	7.201074
115	47.604	34.4659	38.83533	33.58814	63.0704	0.2624	1.717812	1.7834	8.566803
116	47.604	34.4659	35.16102	33.58814	60.73499	0.0786	1.626017	1.6457	8.291356
117	47.604	34.4659	31.99011	33.58814	58.82522	0.0799	1.526515	1.5465	8.092982
118	47.604	34.4659	28.56652	33.58814	56.8826	0.2511	1.387637	1.4504	7.900814
119	47.604	34.4659	25.9313	33.58814	55.47649	0.3828	1.246534	1.3422	7.68449
120	47.604	34.4659	23.20152	33.58814	54.10259	0.5193	1.047762	1.1776	7.35519
121	47.604	34.4659	22.27697	33.58814	53.65522	0.5656	0.96116	1.1025	7.205099
122	47.604	34.4659	20.15286	33.58814	52.6529	0.6718	0.694264	0.8622	6.72441
123	47.604	34.4659	19.27776	33.58814	52.24172	0.7155	0.532783	0.8487	6.697429
124	47.604	34.4659	18.28839	33.58814	51.75003	0.7650	0.243685	0.8259	6.651818
125	47.604	34.4659	41.37811	33.58814	67.20933	0.3895	1.538732	1.6361	8.272213
126	47.604	34.4659	37.95079	33.58814	65.02274	0.2181	1.436598	1.4911	7.982263
127	47.604	34.4659	35.0333	33.58814	63.24258	0.0723	1.32889	1.3470	7.693909
128	47.604	34.4659	31.93761	33.58814	61.43979	0.0825	1.183755	1.2044	7.408773
129	47.604	34.4659	29.60401	33.58814	60.14032	0.1992	1.042317	1.0921	7.184236
130	47.604	34.4659	27.24474	33.58814	58.87536	0.3172	0.852658	0.9320	6.863902
131	47.604	34.4659	26.46183	33.58814	58.46452	0.3563	0.773231	0.8623	6.724619
132	47.604	34.4659	24.70026	33.58814	57.54603	0.4444	0.538922	0.6500	6.300042
133	47.604	34.4659	23.9916	33.58814	57.17005	0.4798	0.403543	0.5807	6.161425
134	47.604	34.4659	23.2041	33.58814	56.72111	0.5192	0.169714	0.5616	6.123261
135	47.604	34.4659	44.34087	33.58814	71.45846	0.5376	1.381958	1.5164	8.032734
136	47.604	34.4659	41.16099	33.58814	69.40587	0.3786	1.274885	1.3695	7.739092
137	47.604	34.4659	38.48762	33.58814	67.741	0.2450	1.164747	1.2260	7.451981

138	47.604	34.4659	35.6928	33.58814	66.06108	0.1052	1.020726	1.0470	7.094068
139	47.604	34.4659	33.62086	33.58814	64.85427	0.0016	0.884966	0.8854	6.770751
140	47.604	34.4659	31.56328	33.58814	63.68301	0.1012	0.709392	0.7347	6.469406
141	47.604	34.4659	30.89002	33.58814	63.30338	0.1349	0.63784	0.6716	6.343133
142	47.604	34.4659	29.39503	33.58814	62.4561	0.2097	0.432504	0.4849	5.969836
143	47.604	34.4659	28.80212	33.58814	62.10985	0.2393	0.317088	0.3769	5.753826
144	47.604	34.4659	28.14952	33.58814	61.69685	0.2719	0.121664	0.3023	5.604694
145	47.604	34.4659	46.28606	33.58814	74.05166	0.6349	1.297998	1.4567	7.913444
146	47.604	34.4659	43.24943	33.58814	72.07296	0.4831	1.189884	1.3107	7.621301
147	47.604	34.4659	40.71343	33.58814	70.47113	0.3563	1.080144	1.1692	7.338421
148	47.604	34.4659	38.08231	33.58814	68.85785	0.2247	0.93883	0.9950	6.990015
149	47.604	34.4659	36.1476	33.58814	67.70092	0.1280	0.807773	0.8398	6.679532
150	47.604	34.4659	34.24218	33.58814	66.57976	0.0327	0.641098	0.6493	6.298547
151	47.604	34.4659	33.62261	33.58814	66.21674	0.0017	0.573993	0.5744	6.148849
152	47.604	34.4659	32.25452	33.58814	65.4072	0.0667	0.383658	0.4003	5.800657
153	47.604	34.4659	31.71511	33.58814	65.07665	0.0937	0.277881	0.3013	5.602588
154	47.604	34.4659	31.12365	33.58814	64.6826	0.1232	0.100183	0.1483	5.296541
155	47.604	34.4659	42.25236	33.58814	72.30533	0.4332	1.028718	1.1370	7.274041
156	47.604	34.4659	39.72331	33.58814	70.73389	0.3068	0.889724	0.9664	6.932828
157	47.604	34.4659	37.87252	33.58814	69.60815	0.2142	0.762041	0.8156	6.631191
158	47.604	34.4659	36.05836	33.58814	68.5182	0.1235	0.601202	0.6321	6.264159
159	47.604	34.4659	35.47053	33.58814	68.16551	0.0941	0.536885	0.5604	6.12083
160	47.604	34.4659	34.1765	33.58814	67.37939	0.0294	0.355618	0.3630	5.725944
161	47.604	34.4659	33.66789	33.58814	67.05856	0.0040	0.255494	0.2565	5.512982
162	47.604	34.4659	33.11133	33.58814	66.67623	0.0238	0.087994	0.0940	5.187908
163	47.604	34.4659	46.25178	33.58814	76.92385	0.6332	0.915562	1.0739	7.147715
164	47.604	34.4659	43.95345	33.58814	75.44867	0.5183	0.783381	0.9129	6.825894
165	47.604	34.4659	42.28821	33.58814	74.3943	0.4350	0.664343	0.7731	6.546187
166	47.604	34.4659	40.6715	33.58814	73.37549	0.3542	0.517263	0.6058	6.211611
167	47.604	34.4659	40.15126	33.58814	73.04625	0.3282	0.459235	0.5413	6.082549
168	47.604	34.4659	39.01279	33.58814	72.31321	0.2712	0.297695	0.3655	5.731006
169	47.604	34.4659	38.56802	33.58814	72.01437	0.2490	0.209502	0.3014	5.602739
170	47.604	34.4659	50.43007	33.58814	81.58735	0.8421	0.820777	1.0473	7.094582
171	47.604	34.4659	48.33085	33.58814	80.198	0.7371	0.695996	0.9111	6.822269
172	47.604	34.4659	46.82155	33.58814	79.20688	0.6617	0.585333	0.8080	6.616008
173	47.604	34.4659	45.36668	33.58814	78.25075	0.5889	0.450558	0.7016	6.403133
174	47.604	34.4659	44.90087	33.58814	77.94211	0.5656	0.397903	0.6651	6.330225
175	47.604	34.4659	43.88579	33.58814	77.25554	0.5149	0.25259	0.5780	6.156061
176	47.604	34.4659	43.49088	33.58814	76.97589	0.4951	0.173899	0.5386	6.077224
177	47.604	34.4659	54.7463	33.58814	86.28855	1.0579	0.740712	1.2431	7.486172
178	47.604	34.4659	52.8189	33.58814	84.9761	0.9615	0.623288	1.1174	7.23472
179	47.604	34.4659	51.44145	33.58814	84.04135	0.8927	0.52039	1.0228	7.045526
180	47.604	34.4659	50.12086	33.58814	83.14083	0.8266	0.396434	0.9257	6.851489
181	47.604	34.4659	49.69963	33.58814	82.85041	0.8056	0.348357	0.8927	6.785328
182	47.604	34.4659	48.7845	33.58814	82.20484	0.7598	0.216522	0.8139	6.627898
183	47.604	34.4659	48.42956	33.58814	81.94208	0.7421	0.145546	0.7785	6.556915

184	47.604	34.4659	59.17028	33.58814	91.0216	1.2791	0.672481	1.4472	7.894455
185	47.604	34.4659	57.39165	33.58814	89.77837	1.1902	0.562065	1.3307	7.661383
186	47.604	34.4659	56.12653	33.58814	88.89413	1.1269	0.466218	1.2435	7.486948
187	47.604	34.4659	54.91872	33.58814	88.04326	1.0665	0.351725	1.1545	7.308921
188	47.604	34.4659	54.53456	33.58814	87.76906	1.0473	0.307566	1.1242	7.248425
189	47.604	34.4659	63.67957	33.58814	95.78179	1.5046	0.613825	1.6580	8.316055
190	47.604	34.4659	62.03036	33.58814	94.60113	1.4221	0.509937	1.5496	8.099191
191	47.604	34.4659	60.86175	33.58814	93.76238	1.3637	0.420433	1.4688	7.937578
192	47.604	34.4659	59.74973	33.58814	92.95609	1.3081	0.314224	1.3866	7.773271
193	47.604	34.4659	59.39683	33.58814	92.69642	1.2904	0.273435	1.3588	7.717587
194	47.604	34.4659	68.25725	33.58814	100.5652	1.7335	0.562981	1.8742	8.748402
195	47.604	34.4659	66.72129	33.58814	99.4414	1.6567	0.4651	1.7729	8.545865
196	47.604	34.4659	65.63625	33.58814	98.64382	1.6024	0.381283	1.6977	8.395453
197	47.604	34.4659	64.60647	33.58814	97.87774	1.5509	0.282346	1.6215	8.243006
198	47.604	34.4659	64.28023	33.58814	97.63117	1.5346	0.24448	1.5957	8.191449
Total Waktu Pekerjaan Pengangkutan Besi									1957.916 menit

Task	X	Y	$\rho(D)$	$\rho(S2)$	lj	Ta	T ω	Th	Total T
199	47.604	34.4659	58.77067	37.74423	52.58502	1.0513	3.445536	3.7084	12.91673
200	47.604	34.4659	56.41016	37.74423	48.53936	0.9333	3.546114	3.7794	13.05888
201	47.604	34.4659	54.49014	37.74423	44.9513	0.8373	3.642962	3.8523	13.20457
202	47.604	34.4659	52.55335	37.74423	40.91995	0.7405	3.760809	3.9459	13.39185
203	47.604	34.4659	51.16875	37.74423	37.63607	0.6712	3.864143	4.0319	13.5639
204	47.604	34.4659	49.84094	37.74423	33.93622	0.6048	3.988694	4.1399	13.77981
205	47.604	34.4659	49.41732	37.74423	32.56704	0.5837	4.03702	4.1829	13.86587
206	47.604	34.4659	48.49687	37.74423	28.97927	0.5376	4.16958	4.3040	14.10798
207	47.604	34.4659	48.1398	37.74423	27.14187	0.5198	4.240967	4.3709	14.24182
208	47.604	34.4659	47.75221	37.74423	24.25757	0.5004	4.358411	4.4835	14.46702
209	47.604	34.4659	54.01567	37.74423	51.36206	0.8136	3.336659	3.5401	12.5801
210	47.604	34.4659	51.43741	37.74423	47.21172	0.6847	3.441518	3.6127	12.72536
211	47.604	34.4659	49.3242	37.74423	43.51432	0.5790	3.544038	3.6888	12.87758
212	47.604	34.4659	47.1758	37.74423	39.33598	0.4716	3.670767	3.7887	13.07732
213	47.604	34.4659	45.62831	37.74423	35.90752	0.3942	3.783566	3.8821	13.26423
214	47.604	34.4659	44.13412	37.74423	32.00849	0.3195	3.921408	4.0013	13.50256
215	47.604	34.4659	43.65517	37.74423	30.55304	0.2955	3.975384	4.0493	13.59854
216	47.604	34.4659	42.61042	37.74423	26.69597	0.2433	4.124641	4.1855	13.87094
217	47.604	34.4659	42.20358	37.74423	24.68922	0.2230	4.20562	4.2614	14.02272
218	47.604	34.4659	41.76093	37.74423	21.47804	0.2008	4.339487	4.3897	14.27939
219	47.604	34.4659	49.55308	37.74423	50.82639	0.5904	3.208039	3.3556	12.2113
220	47.604	34.4659	46.72924	37.74423	46.6284	0.4493	3.315748	3.4281	12.35612
221	47.604	34.4659	44.39247	37.74423	42.88073	0.3324	3.423092	3.5062	12.51239
222	47.604	34.4659	41.99251	37.74423	38.63392	0.2124	3.558525	3.6116	12.72326
223	47.604	34.4659	40.2462	37.74423	35.13703	0.1251	3.68153	3.7128	12.92561
224	47.604	34.4659	38.54394	37.74423	31.14169	0.0400	3.834752	3.8447	13.1895
225	47.604	34.4659	37.99458	37.74423	29.64371	0.0125	3.895544	3.8987	13.29735

226	47.604	34.4659	36.78943	37.74423	25.65026	0.0477	4.065647	4.0776	13.65516
227	47.604	34.4659	36.31744	37.74423	23.55459	0.0713	4.158961	4.1768	13.85359
228	47.604	34.4659	35.80209	37.74423	20.16351	0.0971	4.314353	4.3386	14.17726
229	47.604	34.4659	45.43419	37.74423	50.99403	0.3845	3.054736	3.1509	11.80172
230	47.604	34.4659	42.33651	37.74423	46.81107	0.2296	3.162548	3.2200	11.9399
231	47.604	34.4659	39.74229	37.74423	43.0793	0.0999	3.272593	3.2976	12.09514
232	47.604	34.4659	37.04225	37.74423	38.8542	0.0351	3.415207	3.4240	12.34796
233	47.604	34.4659	35.05018	37.74423	35.37909	0.1347	3.548359	3.5820	12.66407
234	47.604	34.4659	33.08161	37.74423	31.41454	0.2331	3.718858	3.7771	13.05428
235	47.604	34.4659	32.43988	37.74423	29.93022	0.2652	3.78784	3.8541	13.20829
236	47.604	34.4659	31.01968	37.74423	25.98085	0.3362	3.984422	4.0685	13.63696
237	47.604	34.4659	30.45841	37.74423	23.91417	0.3643	4.094166	4.1852	13.87048
238	47.604	34.4659	29.84205	37.74423	20.58242	0.3951	4.279104	4.3779	14.25576
239	47.604	34.4659	41.77348	37.74423	51.86	0.2015	2.872779	2.9231	11.34629
240	47.604	34.4659	38.38148	37.74423	47.75296	0.0319	2.975901	2.9839	11.46773
241	47.604	34.4659	35.4994	37.74423	44.10096	0.1122	3.084248	3.1123	11.72462
242	47.604	34.4659	32.44821	37.74423	39.98397	0.2648	3.229578	3.2958	12.09156
243	47.604	34.4659	30.15415	37.74423	36.61624	0.3795	3.370469	3.4653	12.43069
244	47.604	34.4659	27.84154	37.74423	32.80156	0.4951	3.558294	3.6821	12.86416
245	47.604	34.4659	27.07589	37.74423	31.38291	0.5334	3.636601	3.7700	13.03991
246	47.604	34.4659	25.35702	37.74423	27.64188	0.6194	3.866524	4.0214	13.54273
247	47.604	34.4659	24.66723	37.74423	25.70907	0.6538	3.99874	4.1622	13.8244
248	47.604	34.4659	23.902	37.74423	22.64298	0.6921	4.226301	4.3993	14.29866
249	47.604	34.4659	40.94463	37.74423	52.18215	0.1600	2.822394	2.8624	11.2248
250	47.604	34.4659	37.47769	37.74423	48.10262	0.0133	2.923291	2.9266	11.35324
251	47.604	34.4659	34.52024	37.74423	44.47934	0.1612	3.030145	3.0704	11.64089
252	47.604	34.4659	31.37397	37.74423	40.40093	0.3185	3.174889	3.2545	12.00904
253	47.604	34.4659	28.99504	37.74423	37.07109	0.4375	3.316802	3.4262	12.35233
254	47.604	34.4659	26.58177	37.74423	33.30855	0.5581	3.508408	3.6479	12.79588
255	47.604	34.4659	25.77874	37.74423	31.91245	0.5983	3.58908	3.7386	12.9773
256	47.604	34.4659	23.96702	37.74423	28.24165	0.6889	3.828405	4.0006	13.50124
257	47.604	34.4659	23.23601	37.74423	26.35287	0.7254	3.967483	4.1488	13.79767
258	47.604	34.4659	22.42198	37.74423	23.37139	0.7661	4.208735	4.4003	14.30053
259	47.604	34.4659	38.47633	37.74423	53.54625	0.0366	2.639716	2.6489	10.79773
260	47.604	34.4659	34.7641	37.74423	49.57909	0.1490	2.729271	2.7665	11.03304
261	47.604	34.4659	31.55332	37.74423	46.07207	0.3095	2.826778	2.9042	11.30833
262	47.604	34.4659	28.07652	37.74423	42.14806	0.4834	2.963684	3.0845	11.66906
263	47.604	34.4659	25.3905	37.74423	38.96781	0.6177	3.103807	3.2582	12.01646
264	47.604	34.4659	22.59548	37.74423	35.40739	0.7574	3.303024	3.4924	12.48477
265	47.604	34.4659	36.52934	37.74423	55.33014	0.0607	2.434851	2.4500	10.40007
266	47.604	34.4659	32.59612	37.74423	51.50058	0.2574	2.506031	2.5704	10.64076
267	47.604	34.4659	29.14751	37.74423	48.13377	0.4298	2.585681	2.6931	10.88628
268	47.604	34.4659	25.34277	37.74423	44.39237	0.6201	2.701838	2.8569	11.21371
269	47.604	34.4659	22.3303	37.74423	41.38495	0.7707	2.826719	3.0194	11.53879
270	47.604	34.4659	19.09242	37.74423	38.05138	0.9326	3.016386	3.2495	11.99907
271	47.604	34.4659	35.19031	37.74423	57.49477	0.1277	2.210746	2.2427	9.985339

272	47.604	34.4659	31.08814	37.74423	53.81946	0.3328	2.256205	2.3394	10.17881
273	47.604	34.4659	27.45072	37.74423	50.60715	0.5147	2.308238	2.4369	10.37381
274	47.604	34.4659	23.37137	37.74423	47.0628	0.7186	2.386695	2.5664	10.63271
275	47.604	34.4659	20.06508	37.74423	44.23729	0.8840	2.475101	2.6961	10.89218
276	47.604	34.4659	16.38553	37.74423	41.13552	1.0679	2.619316	2.8863	11.2726
277	47.604	34.4659	34.53003	37.74423	59.99894	0.1607	1.973578	2.0138	9.527511
278	47.604	34.4659	30.33871	37.74423	56.4868	0.3703	1.987634	2.0802	9.660407
279	47.604	34.4659	26.599	37.74423	53.43508	0.5573	2.003926	2.1432	9.786483
280	47.604	34.4659	22.36484	37.74423	50.09123	0.7690	2.028974	2.2212	9.942432
281	47.604	34.4659	18.88313	37.74423	47.44641	0.9431	2.058031	2.2938	10.08759
282	47.604	34.4659	14.91478	37.74423	44.56855	1.1415	2.107829	2.3932	10.28639
283	47.604	34.4659	34.5874	37.74423	62.80204	0.1578	1.732248	1.7717	9.043416
284	47.604	34.4659	30.40399	37.74423	59.45572	0.3670	1.712966	1.8047	9.109437
285	47.604	34.4659	26.67343	37.74423	56.5644	0.5535	1.690642	1.8290	9.158054
286	47.604	34.4659	22.45331	37.74423	53.4168	0.7645	1.656383	1.8475	9.195038
287	47.604	34.4659	18.98782	37.74423	50.94493	0.9378	1.616747	1.8512	9.202404
288	47.604	34.4659	15.04711	37.74423	48.27607	1.1349	1.549144	1.8329	9.165717
289	47.604	34.4659	13.57824	37.74423	47.32361	1.2083	1.5137	1.8158	9.13155
290	47.604	34.4659	9.707879	37.74423	44.93006	1.4018	1.367018	1.7436	8.987144
291	47.604	34.4659	7.728969	37.74423	43.76749	1.5008	1.231757	1.8087	9.117405
292	47.604	34.4659	4.750811	37.74423	42.03977	1.6497	0.779213	1.8445	9.188948
293	47.604	34.4659	35.35892	37.74423	65.86593	0.1193	1.496613	1.5264	8.552858
294	47.604	34.4659	31.27886	37.74423	62.68338	0.3233	1.446625	1.5274	8.554883
295	47.604	34.4659	27.66653	37.74423	59.94794	0.5039	1.389583	1.5156	8.531108
296	47.604	34.4659	23.62448	37.74423	56.98753	0.7060	1.303968	1.4805	8.46093
297	47.604	34.4659	20.35933	37.74423	54.67733	0.8692	1.208144	1.4255	8.35091
298	47.604	34.4659	16.74457	37.74423	52.19965	1.0500	1.053505	1.3160	8.132001
299	47.604	34.4659	15.43805	37.74423	51.32006	1.1153	0.977111	1.3596	8.219173
300	47.604	34.4659	12.17407	37.74423	49.12163	1.2785	0.695674	1.4524	8.404853
301	47.604	34.4659	10.66311	37.74423	48.06056	1.3541	0.482187	1.4746	8.449205
302	47.604	34.4659	8.74844	37.74423	46.49264	1.4498	0.004371	1.4509	8.401764
303	47.604	34.4659	36.7997	37.74423	69.15594	0.0472	1.27523	1.2870	8.074074
304	47.604	34.4659	32.89882	37.74423	66.13191	0.2423	1.200635	1.2612	8.022406
305	47.604	34.4659	29.48562	37.74423	63.5451	0.4129	1.117508	1.2207	7.941482
306	47.604	34.4659	25.73094	37.74423	60.76021	0.6007	0.996999	1.1472	7.79433
307	47.604	34.4659	22.76988	37.74423	58.59892	0.7487	0.868466	1.0556	7.61129
308	47.604	34.4659	19.60473	37.74423	56.29411	0.9070	0.675438	1.0758	7.651668
309	47.604	34.4659	18.50131	37.74423	55.47948	0.9621	0.586507	1.1088	7.717545
310	47.604	34.4659	15.87995	37.74423	53.4524	1.0932	0.292345	1.1663	7.8326
311	47.604	34.4659	14.75354	37.74423	52.47896	1.1495	0.099252	1.1743	7.848695
312	47.604	34.4659	13.43504	37.74423	51.04694	1.2155	0.272516	1.2836	8.067177
313	47.604	34.4659	38.83533	37.74423	72.64137	0.0546	1.073768	1.0874	7.674813
314	47.604	34.4659	35.16102	37.74423	69.76858	0.1292	0.981973	1.0143	7.528526
315	47.604	34.4659	31.99011	37.74423	67.32164	0.2877	0.882471	0.9544	7.408796
316	47.604	34.4659	28.56652	37.74423	64.69951	0.4589	0.743593	0.8583	7.216628
317	47.604	34.4659	25.9313	37.74423	62.67422	0.5906	0.60249	0.7502	7.000304

318	47.604	34.4659	23.20152	37.74423	60.5248	0.7271	0.403718	0.8281	7.15613
319	47.604	34.4659	22.27697	37.74423	59.76785	0.7734	0.317116	0.8526	7.205283
320	47.604	34.4659	20.15286	37.74423	57.89113	0.8796	0.05022	0.8921	7.284246
321	47.604	34.4659	19.27776	37.74423	56.99356	0.9233	0.111261	0.9511	7.402278
322	47.604	34.4659	18.28839	37.74423	55.67777	0.9728	0.400359	1.0729	7.645763
323	47.604	34.4659	41.37811	37.74423	76.29543	0.1817	0.894688	0.9401	7.380222
324	47.604	34.4659	37.95079	37.74423	73.56547	0.0103	0.792554	0.7951	7.090272
325	47.604	34.4659	35.0333	37.74423	71.24905	0.1355	0.684846	0.7187	6.937465
326	47.604	34.4659	31.93761	37.74423	68.77682	0.2903	0.539711	0.6123	6.724587
327	47.604	34.4659	29.60401	37.74423	66.87512	0.4070	0.398273	0.5066	6.513158
328	47.604	34.4659	27.24474	37.74423	64.86506	0.5250	0.208614	0.5771	6.654256
329	47.604	34.4659	26.46183	37.74423	64.15933	0.5641	0.129187	0.5964	6.692833
330	47.604	34.4659	24.70026	37.74423	62.4148	0.6522	0.105122	0.6785	6.856957
331	47.604	34.4659	23.9916	37.74423	61.58319	0.6876	0.240501	0.7478	6.995513
332	47.604	34.4659	23.2041	37.74423	60.36752	0.7270	0.47433	0.8456	7.191178
333	47.604	34.4659	44.34087	37.74423	80.09505	0.3298	0.737914	0.8204	7.140743
334	47.604	34.4659	41.16099	37.74423	77.49905	0.1708	0.630841	0.6736	6.847102
335	47.604	34.4659	38.48762	37.74423	75.30373	0.0372	0.520703	0.5300	6.559991
336	47.604	34.4659	35.6928	37.74423	72.969	0.1026	0.376682	0.4023	6.304649
337	47.604	34.4659	33.62086	37.74423	71.17939	0.2062	0.240922	0.2925	6.084929
338	47.604	34.4659	31.56328	37.74423	69.2943	0.3090	0.065348	0.3254	6.150769
339	47.604	34.4659	30.89002	37.74423	68.63413	0.3427	0.006204	0.3443	6.188522
340	47.604	34.4659	29.39503	37.74423	67.0062	0.4175	0.21154	0.4703	6.44069
341	47.604	34.4659	28.80212	37.74423	66.23227	0.4471	0.326956	0.5288	6.557689
342	47.604	34.4659	28.14952	37.74423	65.10347	0.4797	0.52238	0.6423	6.784628
343	47.604	34.4659	46.28606	37.74423	82.43516	0.4271	0.653954	0.7607	7.021453
344	47.604	34.4659	43.24943	37.74423	79.91522	0.2753	0.54584	0.6147	6.72931
345	47.604	34.4659	40.71343	37.74423	77.78812	0.1485	0.4361	0.4732	6.446431
346	47.604	34.4659	38.08231	37.74423	75.53022	0.0169	0.294786	0.2990	6.098025
347	47.604	34.4659	36.1476	37.74423	73.80275	0.0798	0.163729	0.1837	5.867373
348	47.604	34.4659	34.24218	37.74423	71.98638	0.1751	0.002946	0.1758	5.851678
349	47.604	34.4659	33.62261	37.74423	71.35113	0.2061	0.070051	0.2236	5.947187
350	47.604	34.4659	32.25452	37.74423	69.78661	0.2745	0.260386	0.3396	6.179164
351	47.604	34.4659	31.71511	37.74423	69.04385	0.3015	0.366163	0.4415	6.383054
352	47.604	34.4659	31.12365	37.74423	67.96177	0.3310	0.543861	0.6266	6.753236
353	47.604	34.4659	42.25236	37.74423	79.46619	0.2254	0.384674	0.4410	6.382051
354	47.604	34.4659	39.72331	37.74423	77.25735	0.0990	0.24568	0.2704	6.040837
355	47.604	34.4659	37.87252	37.74423	75.56937	0.0064	0.117997	0.1196	5.739201
356	47.604	34.4659	36.05836	37.74423	73.7965	0.0843	0.042842	0.0950	5.690008
357	47.604	34.4659	35.47053	37.74423	73.17697	0.1137	0.107159	0.1405	5.780949
358	47.604	34.4659	34.1765	37.74423	71.65232	0.1784	0.288426	0.3330	6.166046
359	47.604	34.4659	33.66789	37.74423	70.9291	0.2038	0.38855	0.4395	6.379008
360	47.604	34.4659	33.11133	37.74423	69.87622	0.2316	0.55605	0.6140	6.727923
361	47.604	34.4659	46.25178	37.74423	83.72037	0.4254	0.271518	0.4933	6.486514
362	47.604	34.4659	43.95345	37.74423	81.62673	0.3105	0.139337	0.3453	6.190591
363	47.604	34.4659	42.28821	37.74423	80.03096	0.2272	0.020299	0.2323	5.964547

364	47.604	34.4659	40.6715	37.74423	78.35909	0.1464	0.126781	0.1781	5.856117
365	47.604	34.4659	40.15126	37.74423	77.77591	0.1204	0.184809	0.2149	5.929793
366	47.604	34.4659	39.01279	37.74423	76.34316	0.0634	0.346349	0.3622	6.224412
367	47.604	34.4659	38.56802	37.74423	75.6648	0.0412	0.434542	0.4448	6.38968
368	47.604	34.4659	50.43007	37.74423	88.05296	0.6343	0.176733	0.6785	6.856951
369	47.604	34.4659	48.33085	37.74423	86.06478	0.5293	0.051952	0.5423	6.584638
370	47.604	34.4659	46.82155	37.74423	84.55281	0.4539	0.058711	0.4685	6.437087
371	47.604	34.4659	45.36668	37.74423	82.97211	0.3811	0.193486	0.4295	6.358988
372	47.604	34.4659	44.90087	37.74423	82.42158	0.3578	0.246141	0.4194	6.338735
373	47.604	34.4659	43.88579	37.74423	81.07097	0.3071	0.391454	0.4682	6.436446
374	47.604	34.4659	43.49088	37.74423	80.43249	0.2873	0.470145	0.5420	6.583957
375	47.604	34.4659	54.7463	37.74423	92.45295	0.8501	0.096668	0.8743	7.248541
376	47.604	34.4659	52.8189	37.74423	90.56142	0.7537	0.020756	0.7589	7.017845
377	47.604	34.4659	51.44145	37.74423	89.12576	0.6849	0.123654	0.7158	6.931549
378	47.604	34.4659	50.12086	37.74423	87.62759	0.6188	0.247611	0.6807	6.861468
379	47.604	34.4659	49.69963	37.74423	87.10649	0.5978	0.295687	0.6717	6.843384
380	47.604	34.4659	48.7845	37.74423	85.82964	0.5520	0.427522	0.6589	6.817789
381	47.604	34.4659	48.42956	37.74423	85.22681	0.5343	0.498498	0.6589	6.817782
382	47.604	34.4659	59.17028	37.74423	96.91115	1.0713	0.028437	1.0784	7.656824
383	47.604	34.4659	57.39165	37.74423	95.10833	0.9824	0.081979	1.0029	7.505731
384	47.604	34.4659	56.12653	37.74423	93.74234	0.9191	0.177826	0.9636	7.427143
385	47.604	34.4659	54.91872	37.74423	92.31912	0.8587	0.292319	0.9318	7.363608
386	47.604	34.4659	54.53456	37.74423	91.82464	0.8395	0.336478	0.9236	7.347273
387	47.604	34.4659	63.67957	37.74423	101.4199	1.2968	0.030219	1.3043	8.108643
388	47.604	34.4659	62.03036	37.74423	99.69864	1.2143	0.134107	1.2478	7.995667
389	47.604	34.4659	60.86175	37.74423	98.39639	1.1559	0.223611	1.2118	7.923557
390	47.604	34.4659	59.74973	37.74423	97.04145	1.1003	0.32982	1.1827	7.865461
391	47.604	34.4659	59.39683	37.74423	96.57116	1.0826	0.370609	1.1753	7.850565
392	47.604	34.4659	68.25725	37.74423	105.9727	1.5257	0.081063	1.5459	8.591833
393	47.604	34.4659	66.72129	37.74423	104.3266	1.4489	0.178944	1.4936	8.487179
394	47.604	34.4659	65.63625	37.74423	103.0828	1.3946	0.262761	1.4603	8.420583
395	47.604	34.4659	64.60647	37.74423	101.7903	1.3431	0.361698	1.4335	8.367073
396	47.604	34.4659	64.28023	37.74423	101.3421	1.3268	0.399564	1.4267	8.353383
Total Waktu Pekerjaan Pengangkutan <i>Scaffolding</i>									1871.533 menit

Task	X	Y	$\rho(D)$	$\rho(S3)$	lj	Ta	Tw	Th	Total T
397	47.604	34.4659	58.77067	21.73989	60.71929	1.8515	2.774617	3.2375	14.975
398	47.604	34.4659	56.41016	21.73989	57.25143	1.7335	2.875195	3.3086	15.11715
399	47.604	34.4659	54.49014	21.73989	54.24282	1.6375	2.972043	3.3814	15.26284
400	47.604	34.4659	52.55335	21.73989	50.95209	1.5407	3.08989	3.4751	15.45012
401	47.604	34.4659	51.16875	21.73989	48.35446	1.4714	3.193223	3.5611	15.62217
402	47.604	34.4659	49.84094	21.73989	45.53411	1.4051	3.317775	3.6690	15.83808
403	47.604	34.4659	49.41732	21.73989	44.52306	1.3839	3.366101	3.7121	15.92414
404	47.604	34.4659	48.49687	21.73989	41.97019	1.3378	3.498661	3.8331	16.16625
405	47.604	34.4659	48.1398	21.73989	40.72326	1.3200	3.570048	3.9000	16.30009

406	47.604	34.4659	47.75221	21.73989	38.86051	1.3006	3.687491	4.0126	16.52529
407	47.604	34.4659	54.01567	21.73989	57.64584	1.6138	2.66574	3.0692	14.63837
408	47.604	34.4659	51.43741	21.73989	53.9809	1.4849	2.770598	3.1418	14.78364
409	47.604	34.4659	49.3242	21.73989	50.77888	1.3792	2.873119	3.2179	14.93585
410	47.604	34.4659	47.1758	21.73989	47.2475	1.2718	2.999848	3.3178	15.13559
411	47.604	34.4659	45.62831	21.73989	44.43382	1.1944	3.112647	3.4113	15.3225
412	47.604	34.4659	44.13412	21.73989	41.34689	1.1197	3.250489	3.5304	15.56083
413	47.604	34.4659	43.65517	21.73989	40.23075	1.0958	3.304465	3.5784	15.65681
414	47.604	34.4659	42.61042	21.73989	37.38593	1.0435	3.453722	3.7146	15.92921
415	47.604	34.4659	42.20358	21.73989	35.98048	1.0232	3.534701	3.7905	16.08099
416	47.604	34.4659	41.76093	21.73989	33.85779	1.0011	3.668567	3.9188	16.33766
417	47.604	34.4659	49.55308	21.73989	55.06939	1.3907	2.537119	2.8848	14.26957
418	47.604	34.4659	46.72924	21.73989	51.22043	1.2495	2.644829	2.9572	14.41439
419	47.604	34.4659	44.39247	21.73989	47.83398	1.1326	2.752172	3.0353	14.57066
420	47.604	34.4659	41.99251	21.73989	44.06723	1.0126	2.887606	3.1408	14.78153
421	47.604	34.4659	40.2462	21.73989	41.03607	0.9253	3.01061	3.2419	14.98388
422	47.604	34.4659	38.54394	21.73989	37.67174	0.8402	3.163832	3.3739	15.24777
423	47.604	34.4659	37.99458	21.73989	36.44322	0.8127	3.224625	3.4278	15.35562
424	47.604	34.4659	36.78943	21.73989	33.27616	0.7525	3.394728	3.5828	15.66569
425	47.604	34.4659	36.31744	21.73989	31.68895	0.7289	3.488042	3.6703	15.84052
426	47.604	34.4659	35.80209	21.73989	29.25654	0.7031	3.643433	3.8192	16.13842
427	47.604	34.4659	45.43419	21.73989	53.04282	1.1847	2.383817	2.6800	13.85999
428	47.604	34.4659	42.33651	21.73989	49.03504	1.0298	2.491629	2.7491	13.99817
429	47.604	34.4659	39.74229	21.73989	45.48617	0.9001	2.601674	2.8267	14.15341
430	47.604	34.4659	37.04225	21.73989	41.50691	0.7651	2.744288	2.9356	14.37113
431	47.604	34.4659	35.05018	21.73989	38.27351	0.6655	2.877439	3.0438	14.58764
432	47.604	34.4659	33.08161	21.73989	34.64193	0.5671	3.047938	3.1897	14.87942
433	47.604	34.4659	32.43988	21.73989	33.30182	0.5350	3.116921	3.2507	15.00134
434	47.604	34.4659	31.01968	21.73989	29.80278	0.4640	3.313503	3.4295	15.359
435	47.604	34.4659	30.45841	21.73989	28.0195	0.4359	3.423247	3.5322	15.56446
436	47.604	34.4659	29.84205	21.73989	25.23584	0.4051	3.608185	3.7095	15.91892
437	47.604	34.4659	41.77348	21.73989	51.63762	1.0017	2.20186	2.4523	13.40456
438	47.604	34.4659	38.38148	21.73989	47.51145	0.8321	2.304982	2.5130	13.526
439	47.604	34.4659	35.4994	21.73989	43.83942	0.6880	2.413329	2.5853	13.67065
440	47.604	34.4659	32.44821	21.73989	39.69542	0.5354	2.558658	2.6925	13.88503
441	47.604	34.4659	30.15415	21.73989	36.30103	0.4207	2.69955	2.8047	14.10946
442	47.604	34.4659	27.84154	21.73989	32.44944	0.3051	2.887375	2.9636	14.42729
443	47.604	34.4659	27.07589	21.73989	31.01474	0.2668	2.965682	3.0324	14.56476
444	47.604	34.4659	25.35702	21.73989	27.2233	0.1809	3.195605	3.2408	14.98164
445	47.604	34.4659	24.66723	21.73989	25.25857	0.1464	3.32782	3.3644	15.22882
446	47.604	34.4659	23.902	21.73989	22.13031	0.1081	3.555382	3.5824	15.66482
447	47.604	34.4659	40.94463	21.73989	51.38988	0.9602	2.151475	2.3915	13.28307
448	47.604	34.4659	37.47769	21.73989	47.24207	0.7869	2.252372	2.4491	13.39819
449	47.604	34.4659	34.52024	21.73989	43.54734	0.6390	2.359226	2.5190	13.53796
450	47.604	34.4659	31.37397	21.73989	39.37261	0.4817	2.50397	2.6244	13.74879
451	47.604	34.4659	28.99504	21.73989	35.94774	0.3628	2.645883	2.7366	13.97315

452	47.604	34.4659	26.58177	21.73989	32.05373	0.2421	2.837489	2.8980	14.29602
453	47.604	34.4659	25.77874	21.73989	30.60048	0.2019	2.918161	2.9686	14.43729
454	47.604	34.4659	23.96702	21.73989	26.7504	0.1114	3.157486	3.1853	14.87065
455	47.604	34.4659	23.23601	21.73989	24.74815	0.0748	3.296564	3.3153	15.13053
456	47.604	34.4659	22.42198	21.73989	21.54591	0.0341	3.537816	3.5463	15.59268
457	47.604	34.4659	38.47633	21.73989	50.87572	0.8368	1.968797	2.1780	12.856
458	47.604	34.4659	34.7641	21.73989	46.68225	0.6512	2.058351	2.2212	12.94231
459	47.604	34.4659	31.55332	21.73989	42.93937	0.4907	2.155859	2.2785	13.05705
460	47.604	34.4659	28.07652	21.73989	38.69911	0.3168	2.292765	2.3720	13.24395
461	47.604	34.4659	25.3905	21.73989	35.20879	0.1825	2.432888	2.4785	13.45704
462	47.604	34.4659	22.59548	21.73989	31.22276	0.0428	2.632105	2.6428	13.7856
463	47.604	34.4659	36.52934	21.73989	50.85034	0.7395	1.763932	1.9488	12.3976
464	47.604	34.4659	32.59612	21.73989	46.6546	0.5428	1.835111	1.9708	12.44163
465	47.604	34.4659	29.14751	21.73989	42.90931	0.3704	1.914762	2.0074	12.51471
466	47.604	34.4659	25.34277	21.73989	38.66575	0.1801	2.030919	2.0760	12.65191
467	47.604	34.4659	22.3303	21.73989	35.17212	0.0295	2.1558	2.1632	12.82636
468	47.604	34.4659	19.09242	21.73989	31.1814	0.1324	2.345467	2.3786	13.25712
469	47.604	34.4659	35.19031	21.73989	51.31449	0.6725	1.539826	1.7080	11.91591
470	47.604	34.4659	31.08814	21.73989	47.16005	0.4674	1.585286	1.7021	11.90428
471	47.604	34.4659	27.45072	21.73989	43.45834	0.2855	1.637319	1.7087	11.91741
472	47.604	34.4659	23.37137	21.73989	39.27415	0.0816	1.715776	1.7362	11.97234
473	47.604	34.4659	20.06508	21.73989	35.83988	0.0837	1.804181	1.8251	12.15023
474	47.604	34.4659	16.38553	21.73989	31.93272	0.2677	1.948397	2.0153	12.53065
475	47.604	34.4659	34.53003	21.73989	52.2551	0.6395	1.302659	1.4625	11.42507
476	47.604	34.4659	30.33871	21.73989	48.18184	0.4299	1.316715	1.4242	11.3484
477	47.604	34.4659	26.599	21.73989	44.56508	0.2430	1.333007	1.3937	11.28749
478	47.604	34.4659	22.36484	21.73989	40.49541	0.0312	1.358055	1.3659	11.23173
479	47.604	34.4659	18.88313	21.73989	37.17413	0.1428	1.387112	1.4228	11.34564
480	47.604	34.4659	14.91478	21.73989	33.42331	0.3413	1.43691	1.5222	11.54445
481	47.604	34.4659	34.5874	21.73989	53.64713	0.6424	1.061328	1.2219	10.94384
482	47.604	34.4659	30.40399	21.73989	49.68811	0.4332	1.042046	1.1503	10.8007
483	47.604	34.4659	26.67343	21.73989	46.18945	0.2467	1.019723	1.0814	10.66278
484	47.604	34.4659	22.45331	21.73989	42.27644	0.0357	0.985463	0.9944	10.48876
485	47.604	34.4659	18.98782	21.73989	39.10672	0.1376	0.945828	0.9802	10.46046
486	47.604	34.4659	15.04711	21.73989	35.56032	0.3346	0.878225	0.9619	10.42377
487	47.604	34.4659	13.57824	21.73989	34.25616	0.4081	0.842781	0.9448	10.3896
488	47.604	34.4659	9.707879	21.73989	30.8655	0.6016	0.696099	0.8465	10.193
489	47.604	34.4659	7.728969	21.73989	29.14732	0.7005	0.560838	0.8408	10.18151
490	47.604	34.4659	4.750811	21.73989	26.48247	0.8495	0.108293	0.8765	10.25305
491	47.604	34.4659	35.35892	21.73989	55.45659	0.6810	0.825694	0.9959	10.49186
492	47.604	34.4659	31.27886	21.73989	51.63649	0.4769	0.775705	0.8949	10.28989
493	47.604	34.4659	27.66653	21.73989	48.27924	0.2963	0.718663	0.7927	10.08549
494	47.604	34.4659	23.62448	21.73989	44.55015	0.0942	0.633049	0.6566	9.813213
495	47.604	34.4659	20.35933	21.73989	41.55423	0.0690	0.537225	0.5545	9.608963
496	47.604	34.4659	16.74457	21.73989	38.23553	0.2498	0.382586	0.4450	9.390055
497	47.604	34.4659	15.43805	21.73989	37.02571	0.3151	0.306192	0.3916	9.283279

498	47.604	34.4659	12.17407	21.73989	33.91309	0.4783	0.024755	0.4845	9.468959
499	47.604	34.4659	10.66311	21.73989	32.35715	0.5538	0.188732	0.6010	9.702044
500	47.604	34.4659	8.74844	21.73989	29.979	0.6496	0.67529	0.8377	10.17537
501	47.604	34.4659	36.7997	21.73989	57.64419	0.7530	0.604311	0.9041	10.30814
502	47.604	34.4659	32.89882	21.73989	53.97913	0.5579	0.529716	0.6904	9.880751
503	47.604	34.4659	29.48562	21.73989	50.777	0.3873	0.446589	0.5434	9.586822
504	47.604	34.4659	25.73094	21.73989	47.24548	0.1996	0.32608	0.3760	9.251935
505	47.604	34.4659	22.76988	21.73989	44.43167	0.0515	0.197546	0.2104	8.920842
506	47.604	34.4659	19.60473	21.73989	41.34458	0.1068	0.004519	0.1079	8.715775
507	47.604	34.4659	18.50131	21.73989	40.22838	0.1619	0.084413	0.1830	8.866064
508	47.604	34.4659	15.87995	21.73989	37.38338	0.2930	0.378574	0.4518	9.403647
509	47.604	34.4659	14.75354	21.73989	35.97783	0.3493	0.571667	0.6590	9.817993
510	47.604	34.4659	13.43504	21.73989	33.85497	0.4152	0.943435	1.0472	10.59449
511	47.604	34.4659	38.83533	21.73989	60.16869	0.8548	0.402848	0.9555	10.41097
512	47.604	34.4659	35.16102	21.73989	56.66715	0.6711	0.311054	0.7488	9.99764
513	47.604	34.4659	31.99011	21.73989	53.62576	0.5125	0.211552	0.5654	9.630798
514	47.604	34.4659	28.56652	21.73989	50.29467	0.3413	0.072674	0.3595	9.219
515	47.604	34.4659	25.9313	21.73989	47.66122	0.2096	0.068429	0.2267	8.953356
516	47.604	34.4659	23.20152	21.73989	44.79725	0.0731	0.267201	0.2855	9.070943
517	47.604	34.4659	22.27697	21.73989	43.76919	0.0269	0.353803	0.3605	9.221034
518	47.604	34.4659	20.15286	21.73989	41.1696	0.0794	0.620699	0.6405	9.781074
519	47.604	34.4659	19.27776	21.73989	39.89766	0.1231	0.782181	0.8130	10.12591
520	47.604	34.4659	18.28839	21.73989	37.99445	0.1726	1.071278	1.1144	10.72884
521	47.604	34.4659	41.37811	21.73989	62.98961	0.9819	0.223769	1.0379	10.57571
522	47.604	34.4659	37.95079	21.73989	59.65387	0.8105	0.121635	0.8410	10.18191
523	47.604	34.4659	35.0333	21.73989	56.77272	0.6647	0.013927	0.6682	9.836304
524	47.604	34.4659	31.93761	21.73989	53.63742	0.5099	0.131208	0.5427	9.585377
525	47.604	34.4659	29.60401	21.73989	51.17628	0.3932	0.272647	0.4614	9.422736
526	47.604	34.4659	27.24474	21.73989	48.52023	0.2752	0.462305	0.5311	9.562231
527	47.604	34.4659	26.46183	21.73989	47.57269	0.2361	0.541732	0.6008	9.701513
528	47.604	34.4659	24.70026	21.73989	45.19242	0.1480	0.776041	0.8130	10.12609
529	47.604	34.4659	23.9916	21.73989	44.03683	0.1126	0.911421	0.9396	10.37913
530	47.604	34.4659	23.2041	21.73989	42.32018	0.0732	1.14525	1.1636	10.8271
531	47.604	34.4659	44.34087	21.73989	66.06898	1.1300	0.066994	1.1468	10.7936
532	47.604	34.4659	41.16099	21.73989	62.89677	0.9711	0.040078	0.9811	10.46215
533	47.604	34.4659	38.48762	21.73989	60.17109	0.8374	0.150216	0.8749	10.24988
534	47.604	34.4659	35.6928	21.73989	57.2223	0.6976	0.294237	0.7712	10.04241
535	47.604	34.4659	33.62086	21.73989	54.92204	0.5940	0.429997	0.7015	9.903096
536	47.604	34.4659	31.56328	21.73989	52.456	0.4912	0.605571	0.7284	9.956726
537	47.604	34.4659	30.89002	21.73989	51.58081	0.4575	0.677123	0.7915	10.083
538	47.604	34.4659	29.39503	21.73989	49.39407	0.3828	0.882459	0.9781	10.4563
539	47.604	34.4659	28.80212	21.73989	48.33902	0.3531	0.997875	1.0862	10.67231
540	47.604	34.4659	28.14952	21.73989	46.78051	0.3205	1.193299	1.2734	11.04684
541	47.604	34.4659	46.28606	21.73989	68.02518	1.2273	0.016965	1.2315	10.9631
542	47.604	34.4659	43.24943	21.73989	64.94859	1.0755	0.125079	1.1067	10.71349
543	47.604	34.4659	40.71343	21.73989	62.31273	0.9487	0.234819	1.0074	10.51476

544	47.604	34.4659	38.08231	21.73989	59.47023	0.8171	0.376133	0.9112	10.32231
545	47.604	34.4659	36.1476	21.73989	57.26033	0.7204	0.507191	0.8472	10.19437
546	47.604	34.4659	34.24218	21.73989	54.89943	0.6251	0.673865	0.8301	10.16029
547	47.604	34.4659	33.62261	21.73989	54.06381	0.5941	0.74097	0.8895	10.27901
548	47.604	34.4659	32.25452	21.73989	51.98163	0.5257	0.931305	1.0627	10.62548
549	47.604	34.4659	31.71511	21.73989	50.98016	0.4988	1.037082	1.1618	10.82354
550	47.604	34.4659	31.12365	21.73989	49.50487	0.4692	1.21478	1.3321	11.16415
551	47.604	34.4659	42.25236	21.73989	63.78072	1.0256	0.286245	1.0972	10.69437
552	47.604	34.4659	39.72331	21.73989	61.00665	0.8992	0.425239	1.0055	10.51096
553	47.604	34.4659	37.87252	21.73989	58.85448	0.8066	0.552922	0.9449	10.38972
554	47.604	34.4659	36.05836	21.73989	56.56015	0.7159	0.713761	0.8944	10.28873
555	47.604	34.4659	35.47053	21.73989	55.74943	0.6865	0.778078	0.9497	10.39942
556	47.604	34.4659	34.1765	21.73989	53.73261	0.6218	0.959346	1.1148	10.72961
557	47.604	34.4659	33.66789	21.73989	52.76438	0.5964	1.059469	1.2086	10.91714
558	47.604	34.4659	33.11133	21.73989	51.34039	0.5686	1.226969	1.3691	11.23822
559	47.604	34.4659	46.25178	21.73989	67.56773	1.2256	0.399401	1.3254	11.15089
560	47.604	34.4659	43.95345	21.73989	64.9556	1.1107	0.531583	1.2436	10.98715
561	47.604	34.4659	42.28821	21.73989	62.93861	1.0274	0.65062	1.1901	10.88014
562	47.604	34.4659	40.6715	21.73989	60.7986	0.9466	0.7977	1.1460	10.79201
563	47.604	34.4659	40.15126	21.73989	60.04513	0.9206	0.855728	1.1345	10.769
564	47.604	34.4659	39.01279	21.73989	58.17742	0.8636	1.017268	1.2332	10.96636
565	47.604	34.4659	38.56802	21.73989	57.28437	0.8414	1.105462	1.3158	11.13163
566	47.604	34.4659	50.43007	21.73989	71.50397	1.4345	0.494186	1.5581	11.61611
567	47.604	34.4659	48.33085	21.73989	69.04092	1.3295	0.618968	1.4843	11.46858
568	47.604	34.4659	46.82155	21.73989	67.14676	1.2541	0.72963	1.4365	11.37298
569	47.604	34.4659	45.36668	21.73989	65.14514	1.1813	0.864405	1.3974	11.29488
570	47.604	34.4659	44.90087	21.73989	64.44251	1.1580	0.917061	1.3873	11.27463
571	47.604	34.4659	43.88579	21.73989	62.70591	1.1073	1.062373	1.3729	11.24578
572	47.604	34.4659	43.49088	21.73989	61.87825	1.0875	1.141065	1.4130	11.3259
573	47.604	34.4659	54.7463	21.73989	75.56611	1.6503	0.574251	1.7939	12.08777
574	47.604	34.4659	52.8189	21.73989	73.2398	1.5540	0.691675	1.7269	11.95374
575	47.604	34.4659	51.44145	21.73989	71.45702	1.4851	0.794573	1.6837	11.86744
576	47.604	34.4659	50.12086	21.73989	69.57951	1.4190	0.91853	1.6487	11.79736
577	47.604	34.4659	49.69963	21.73989	68.9221	1.3980	0.966606	1.6396	11.77928
578	47.604	34.4659	48.7845	21.73989	67.30119	1.3522	1.098441	1.6268	11.75368
579	47.604	34.4659	48.42956	21.73989	66.53072	1.3345	1.169417	1.6268	11.75368
580	47.604	34.4659	59.17028	21.73989	79.73491	1.8715	0.642483	2.0321	12.56428
581	47.604	34.4659	57.39165	21.73989	77.53378	1.7826	0.752898	1.9708	12.44162
582	47.604	34.4659	56.12653	21.73989	75.852	1.7193	0.848745	1.9315	12.36304
583	47.604	34.4659	54.91872	21.73989	74.08594	1.6589	0.963238	1.8998	12.2995
584	47.604	34.4659	54.53456	21.73989	73.46887	1.6397	1.007397	1.8916	12.28317
585	47.604	34.4659	63.67957	21.73989	83.99449	2.0970	0.701138	2.2723	13.04454
586	47.604	34.4659	62.03036	21.73989	81.90791	2.0145	0.805026	2.2158	12.93156
587	47.604	34.4659	60.86175	21.73989	80.31777	1.9561	0.89453	2.1797	12.85945
588	47.604	34.4659	59.74973	21.73989	78.65205	1.9005	1.00074	2.1507	12.80135
589	47.604	34.4659	59.39683	21.73989	78.07108	1.8828	1.041528	2.1432	12.78646

590	47.604	34.4659	68.25725	21.73989	88.33172	2.3259	0.751982	2.5139	13.52773
591	47.604	34.4659	66.72129	21.73989	86.35002	2.2491	0.849863	2.4615	13.42307
592	47.604	34.4659	65.63625	21.73989	84.84317	2.1948	0.93368	2.4282	13.35648
593	47.604	34.4659	64.60647	21.73989	83.26803	2.1433	1.032617	2.4015	13.30297
594	47.604	34.4659	64.28023	21.73989	82.71948	2.1270	1.070483	2.3946	13.28928
Total Waktu Pekerjaan Pengangkutan Bekisting									1871.533 menit

Total Waktu Semua Pekerjaan Pengangkutan = 5700.981
menit



Task	X	Y	$\rho(D)$	$\rho(S1)$	lj	Ta	T ω	Th	Total T
1	47.443	24.5148	53.40211	35.45846	39.13911	0.8972	3.865454	4.0897	13.1795
2	47.443	24.5148	51.60904	35.45846	35.25242	0.8075	3.986064	4.1879	13.37589
3	47.443	24.5148	50.25133	35.45846	31.84966	0.7396	4.100488	4.2854	13.5708
4	47.443	24.5148	49.01489	35.45846	28.10025	0.6778	4.237078	4.4065	13.81307
5	47.443	24.5148	48.25459	35.45846	25.13235	0.6398	4.354187	4.5141	14.02828
6	47.443	24.5148	47.68637	35.45846	21.93364	0.6114	4.49179	4.6446	14.28928
7	47.443	24.5148	47.55835	35.45846	20.80569	0.6050	4.544097	4.6953	14.39069
8	47.443	24.5148	47.44765	35.45846	18.06439	0.5995	4.684427	4.8343	14.66858
9	47.443	24.5148	47.5244	35.45846	16.82829	0.6033	4.758089	4.9089	14.81783
10	47.443	24.5148	47.84422	35.45846	15.23351	0.6193	4.876425	5.0312	15.06249
11	47.443	24.5148	48.13959	35.45846	37.39955	0.6341	3.76984	3.9284	12.85671
12	47.443	24.5148	46.14247	35.45846	33.3105	0.5342	3.90054	4.0341	13.06818
13	47.443	24.5148	44.61873	35.45846	29.68598	0.4580	4.026429	4.1409	13.28187
14	47.443	24.5148	43.22146	35.45846	25.62188	0.3881	4.178814	4.2759	13.5517
15	47.443	24.5148	42.35729	35.45846	22.32692	0.3449	4.310966	4.3972	13.7944
16	47.443	24.5148	41.70882	35.45846	18.65318	0.3125	4.467531	4.5457	14.09132
17	47.443	24.5148	41.56238	35.45846	17.31281	0.3052	4.527292	4.6036	14.20718
18	47.443	24.5148	41.43567	35.45846	13.89888	0.2989	4.68792	4.7626	14.52527
19	47.443	24.5148	41.52353	35.45846	12.2494	0.3033	4.772234	4.8480	14.6961
20	47.443	24.5148	41.88919	35.45846	9.94568	0.3215	4.907355	4.9877	14.97548
21	47.443	24.5148	43.09478	35.45846	36.57858	0.3818	3.651823	3.7473	12.49455
22	47.443	24.5148	40.85178	35.45846	32.38605	0.2697	3.792924	3.8603	12.72068
23	47.443	24.5148	39.12251	35.45846	28.64479	0.1832	3.931686	3.9775	12.95497
24	47.443	24.5148	37.52112	35.45846	24.40793	0.1031	4.103013	4.1288	13.25759
25	47.443	24.5148	36.52233	35.45846	20.92267	0.0532	4.254097	4.2674	13.53479
26	47.443	24.5148	35.76822	35.45846	16.94721	0.0155	4.435325	4.4392	13.87839
27	47.443	24.5148	35.59735	35.45846	15.45962	0.0069	4.504936	4.5067	14.01334
28	47.443	24.5148	35.44933	35.45846	11.5085	0.0005	4.692577	4.6927	14.38538
29	47.443	24.5148	35.55198	35.45846	9.45063	0.0047	4.791063	4.7922	14.58446
30	47.443	24.5148	35.97838	35.45846	6.179253	0.0260	4.948314	4.9548	14.90963
31	47.443	24.5148	38.3125	35.45846	36.72948	0.1427	3.503148	3.5388	12.07765
32	47.443	24.5148	35.77088	35.45846	32.55638	0.0156	3.653745	3.6577	12.3153
33	47.443	24.5148	33.78252	35.45846	28.83722	0.0838	3.806235	3.8272	12.65437
34	47.443	24.5148	31.91429	35.45846	24.63349	0.1772	4.000108	4.0444	13.08882
35	47.443	24.5148	30.73382	35.45846	21.18536	0.2362	4.17554	4.2346	13.4692
36	47.443	24.5148	29.83376	35.45846	17.27048	0.2812	4.3902	4.4605	13.92102
37	47.443	24.5148	29.62869	35.45846	15.81333	0.2915	4.473507	4.5464	14.09276
38	47.443	24.5148	29.45068	35.45846	11.97944	0.3004	4.699142	4.7742	14.54848
39	47.443	24.5148	29.57416	35.45846	10.01878	0.2942	4.817556	4.8911	14.78222
40	47.443	24.5148	30.08541	35.45846	7.017462	0.2687	5.005469	5.0726	15.14526
41	47.443	24.5148	33.91955	35.45846	37.84331	0.0769	3.314101	3.3333	11.66667
42	47.443	24.5148	31.02004	35.45846	33.80798	0.2219	3.470297	3.5258	12.05155
43	47.443	24.5148	28.70446	35.45846	30.24313	0.3377	3.635114	3.7195	12.43908
44	47.443	24.5148	26.48036	35.45846	26.26539	0.4489	3.854205	3.9664	12.93286
45	47.443	24.5148	25.04507	35.45846	23.06255	0.5207	4.060936	4.1911	13.38221

46	47.443	24.5148	23.932	35.45846	19.5277	0.5763	4.322749	4.4668	13.93366
47	47.443	24.5148	23.67587	35.45846	18.25166	0.5891	4.426249	4.5735	14.14706
48	47.443	24.5148	23.45272	35.45846	15.0522	0.6003	4.709065	4.8591	14.71827
49	47.443	24.5148	23.6076	35.45846	13.54391	0.5925	4.857455	5.0056	15.01118
50	47.443	24.5148	24.24499	35.45846	11.50245	0.5607	5.090305	5.2305	15.46095
51	47.443	24.5148	32.90072	35.45846	38.26397	0.1279	3.259173	3.2911	11.58229
52	47.443	24.5148	29.90259	35.45846	34.2782	0.2778	3.415535	3.4850	11.96997
53	47.443	24.5148	27.49305	35.45846	30.76788	0.3983	3.582631	3.6822	12.3644
54	47.443	24.5148	25.1621	35.45846	26.86793	0.5148	3.807994	3.9367	12.8734
55	47.443	24.5148	23.64693	35.45846	23.74651	0.5906	4.023724	4.1714	13.34274
56	47.443	24.5148	22.46469	35.45846	20.33092	0.6497	4.30036	4.4628	13.92556
57	47.443	24.5148	22.19163	35.45846	19.1086	0.6633	4.410477	4.5763	14.15263
58	47.443	24.5148	21.9534	35.45846	16.08055	0.6753	4.712393	4.8812	14.76241
59	47.443	24.5148	22.11878	35.45846	14.67832	0.6670	4.870791	5.0375	15.07507
60	47.443	24.5148	22.79783	35.45846	12.81881	0.6330	5.118282	5.2765	15.55308
61	47.443	24.5148	29.79984	35.45846	40.04185	0.2829	3.05026	3.1210	11.24199
62	47.443	24.5148	26.45256	35.45846	36.25207	0.4503	3.200925	3.3135	11.627
63	47.443	24.5148	23.69475	35.45846	32.9527	0.5882	3.370159	3.5172	12.03441
64	47.443	24.5148	20.94527	35.45846	29.34457	0.7257	3.61283	3.7942	12.58849
65	47.443	24.5148	19.09844	35.45846	26.51631	0.8180	3.860819	4.0653	13.13064
66	47.443	24.5148	17.6135	35.45846	23.50669	0.8922	4.198899	4.4220	13.84392
67	47.443	24.5148	27.26909	35.45846	42.33872	0.4095	2.797898	2.9003	10.80053
68	47.443	24.5148	23.56504	35.45846	38.7741	0.5947	2.928132	3.0768	11.1536
69	47.443	24.5148	20.42092	35.45846	35.70852	0.7519	3.083467	3.2714	11.54287
70	47.443	24.5148	17.15452	35.45846	32.40867	0.9152	3.325803	3.5546	12.1092
71	47.443	24.5148	14.8433	35.45846	29.87194	1.0308	3.600651	3.8583	12.71668
72	47.443	24.5148	12.87666	35.45846	27.23568	1.1291	4.021664	4.3039	13.60787
73	47.443	24.5148	25.47894	35.45846	45.07533	0.4990	2.502319	2.6271	10.25413
74	47.443	24.5148	21.46821	35.45846	41.74504	0.6995	2.591214	2.7661	10.53218
75	47.443	24.5148	17.96071	35.45846	38.91422	0.8749	2.703835	2.9226	10.84511
76	47.443	24.5148	14.13685	35.45846	35.91016	1.0661	2.897956	3.1645	11.32895
77	47.443	24.5148	11.22036	35.45846	33.63853	1.2119	3.154293	3.4573	11.91454
78	47.443	24.5148	8.448755	35.45846	31.32093	1.3505	3.649793	3.9874	12.97483
79	47.443	24.5148	24.59166	35.45846	48.17679	0.5433	2.174157	2.3100	9.619985
80	47.443	24.5148	20.40728	35.45846	45.07623	0.7526	2.201258	2.3894	9.778795
81	47.443	24.5148	16.67813	35.45846	42.46804	0.9390	2.236934	2.4717	9.943377
82	47.443	24.5148	12.46689	35.45846	39.73359	1.1496	2.303134	2.5905	10.18106
83	47.443	24.5148	9.026045	35.45846	37.69308	1.3216	2.403906	2.7343	10.46862
84	47.443	24.5148	5.191768	35.45846	35.64012	1.5133	2.681559	3.0599	11.11979
85	47.443	24.5148	24.70471	35.45846	51.57733	0.5377	1.83557	1.9700	8.939984
86	47.443	24.5148	20.54337	35.45846	48.69378	0.7458	1.793395	1.9798	8.959668
87	47.443	24.5148	16.84438	35.45846	46.28987	0.9307	1.738166	1.9708	8.941684
88	47.443	24.5148	12.68844	35.45846	43.7947	1.1385	1.636779	1.9214	8.842809
89	47.443	24.5148	9.329657	35.45846	41.95219	1.3064	1.485915	1.8125	8.62505
90	47.443	24.5148	5.703285	35.45846	40.11778	1.4878	1.099419	1.7626	8.525227
91	47.443	24.5148	4.509286	35.45846	39.51238	1.5475	0.800623	1.7476	8.49523

92	47.443	24.5148	3.133186	35.45846	38.14019	1.6163	0.943202	1.8521	8.704129
93	47.443	24.5148	4.135884	35.45846	37.57051	1.5661	1.807129	2.1987	9.397323
94	47.443	24.5148	6.899729	35.45846	36.88376	1.4279	2.428534	2.7855	10.57104
95	47.443	24.5148	25.80495	35.45846	55.22173	0.4827	1.513109	1.6338	8.267555
96	47.443	24.5148	21.85413	35.45846	52.53858	0.6802	1.413032	1.5831	8.166173
97	47.443	24.5148	18.42026	35.45846	50.31869	0.8519	1.287819	1.5008	8.001594
98	47.443	24.5148	14.7163	35.45846	48.03326	1.0371	1.076716	1.3360	7.671987
99	47.443	24.5148	11.94217	35.45846	46.35951	1.1758	0.808109	1.3778	7.755683
100	47.443	24.5148	9.386184	35.45846	44.70631	1.3036	0.32205	1.3841	7.768253
101	47.443	24.5148	8.712443	35.45846	44.16386	1.3373	0.074824	1.3560	7.712014
102	47.443	24.5148	8.086399	35.45846	42.94056	1.3686	0.717073	1.5479	8.095743
103	47.443	24.5148	8.525171	35.45846	42.43537	1.3467	1.130368	1.6293	8.258513
104	47.443	24.5148	10.15772	35.45846	41.82858	1.2650	1.666835	1.9831	8.966189
105	47.443	24.5148	27.77532	35.45846	59.06486	0.3842	1.226675	1.3227	7.645428
106	47.443	24.5148	24.14904	35.45846	56.56431	0.5655	1.090248	1.2316	7.463232
107	47.443	24.5148	21.09216	35.45846	54.50861	0.7183	0.929782	1.1094	7.218722
108	47.443	24.5148	17.94833	35.45846	52.40622	0.8755	0.684586	1.0467	7.093307
109	47.443	24.5148	15.754	35.45846	50.87654	0.9852	0.414017	1.0887	7.177455
110	47.443	24.5148	13.91666	35.45846	49.37482	1.0771	0.013131	1.0804	7.160746
111	47.443	24.5148	13.47144	35.45846	48.88419	1.0994	0.161306	1.1397	7.279355
112	47.443	24.5148	13.07528	35.45846	47.7819	1.1192	0.663044	1.2849	7.569841
113	47.443	24.5148	13.35109	35.45846	47.32842	1.1054	0.925923	1.3368	7.673699
114	47.443	24.5148	14.44826	35.45846	46.78512	1.0505	1.312966	1.5756	8.151187
115	47.443	24.5148	30.44736	35.45846	63.0704	0.2506	0.984253	1.0469	7.093784
116	47.443	24.5148	27.17994	35.45846	60.73499	0.4139	0.831291	0.9348	6.869546
117	47.443	24.5148	24.50412	35.45846	58.82522	0.5477	0.661547	0.7985	6.596952
118	47.443	24.5148	21.8567	35.45846	56.8826	0.6801	0.421904	0.7856	6.571128
119	47.443	24.5148	20.09382	35.45846	55.47649	0.7682	0.181221	0.8135	6.627075
120	47.443	24.5148	18.68814	35.45846	54.10259	0.8385	0.141359	0.8739	6.747712
121	47.443	24.5148	18.35899	35.45846	53.65522	0.8550	0.273072	0.9232	6.846483
122	47.443	24.5148	18.0703	35.45846	52.6529	0.8694	0.638869	1.0291	7.058251
123	47.443	24.5148	18.27087	35.45846	52.24172	0.8594	0.830716	1.0671	7.134118
124	47.443	24.5148	19.08731	35.45846	51.75003	0.8186	1.125665	1.3303	7.660608
125	47.443	24.5148	33.65434	35.45846	67.20933	0.0902	0.784406	0.8070	6.613916
126	47.443	24.5148	30.72982	35.45846	65.02274	0.2364	0.628105	0.6872	6.374426
127	47.443	24.5148	28.39058	35.45846	63.24258	0.3534	0.462654	0.5510	6.102006
128	47.443	24.5148	26.13979	35.45846	61.43979	0.4659	0.241935	0.5264	6.052835
129	47.443	24.5148	24.6847	35.45846	60.14032	0.5387	0.032935	0.5469	6.093844
130	47.443	24.5148	23.55461	35.45846	58.87536	0.5952	0.23255	0.6533	6.306661
131	47.443	24.5148	23.29433	35.45846	58.46452	0.6082	0.337676	0.6926	6.385252
132	47.443	24.5148	23.06748	35.45846	57.54603	0.6195	0.625166	0.7801	6.560107
133	47.443	24.5148	23.22493	35.45846	57.17005	0.6117	0.776006	0.9289	6.85785
134	47.443	24.5148	23.87254	35.45846	56.72111	0.5793	1.012456	1.1573	7.314561
135	47.443	24.5148	37.25839	35.45846	71.45846	0.0900	0.621223	0.6437	6.287444
136	47.443	24.5148	34.6395	35.45846	69.40587	0.0409	0.468827	0.4791	5.958127
137	47.443	24.5148	32.58217	35.45846	67.741	0.1438	0.313228	0.3492	5.698363

138	47.443	24.5148	30.64085	35.45846	66.06108	0.2409	0.113683	0.2693	5.538603
139	47.443	24.5148	29.40931	35.45846	64.85427	0.3025	0.068309	0.3195	5.63907
140	47.443	24.5148	28.46739	35.45846	63.68301	0.3496	0.292398	0.4227	5.845306
141	47.443	24.5148	28.25241	35.45846	63.30338	0.3603	0.379651	0.4697	5.939454
142	47.443	24.5148	28.06567	35.45846	62.4561	0.3696	0.616344	0.7088	6.417507
143	47.443	24.5148	28.19522	35.45846	62.10985	0.3632	0.740556	0.8313	6.662694
144	47.443	24.5148	28.73102	35.45846	61.69685	0.3364	0.93728	1.0214	7.042745
145	47.443	24.5148	39.56562	35.45846	74.05166	0.2054	0.538081	0.5894	6.178841
146	47.443	24.5148	37.10991	35.45846	72.07296	0.0826	0.38982	0.4105	5.820926
147	47.443	24.5148	35.19728	35.45846	70.47113	0.0131	0.241021	0.2443	5.488571
148	47.443	24.5148	33.40826	35.45846	68.85785	0.1025	0.05355	0.1159	5.231795
149	47.443	24.5148	32.28247	35.45846	67.70092	0.1588	0.114713	0.1875	5.374956
150	47.443	24.5148	31.42679	35.45846	66.57976	0.2016	0.319294	0.3697	5.73938
151	47.443	24.5148	31.23218	35.45846	66.21674	0.2113	0.398424	0.4513	5.902506
152	47.443	24.5148	31.06336	35.45846	65.4072	0.2198	0.612415	0.6674	6.334707
153	47.443	24.5148	31.18046	35.45846	65.07665	0.2139	0.724722	0.7782	6.556395
154	47.443	24.5148	31.66578	35.45846	64.6826	0.1896	0.903301	0.9507	6.901418
155	47.443	24.5148	36.97528	35.45846	72.30533	0.0758	0.198558	0.2175	5.435036
156	47.443	24.5148	35.27654	35.45846	70.73389	0.0091	0.018691	0.0210	5.04193
157	47.443	24.5148	34.21229	35.45846	69.60815	0.0623	0.141337	0.1569	5.313828
158	47.443	24.5148	33.40607	35.45846	68.5182	0.1026	0.334592	0.3602	5.720495
159	47.443	24.5148	33.22306	35.45846	68.16551	0.1118	0.40908	0.4370	5.874046
160	47.443	24.5148	33.0644	35.45846	67.37939	0.1197	0.610189	0.6401	6.280229
161	47.443	24.5148	33.17444	35.45846	67.05856	0.1142	0.71574	0.7443	6.48858
162	47.443	24.5148	33.631	35.45846	66.67623	0.0914	0.883925	0.9068	6.813537
163	47.443	24.5148	41.50595	35.45846	76.92385	0.3024	0.108569	0.3295	5.659033
164	47.443	24.5148	40.00009	35.45846	75.44867	0.2271	0.054059	0.2406	5.481192
165	47.443	24.5148	39.06473	35.45846	74.3943	0.1803	0.196307	0.2414	5.482771
166	47.443	24.5148	38.36064	35.45846	73.37549	0.1451	0.365903	0.4022	5.80436
167	47.443	24.5148	38.20137	35.45846	73.04625	0.1371	0.430845	0.4651	5.930262
168	47.443	24.5148	38.06347	35.45846	72.31321	0.1303	0.605651	0.6382	6.276426
169	47.443	24.5148	38.1591	35.45846	72.01437	0.1350	0.697403	0.7312	6.462322
170	47.443	24.5148	46.13369	35.45846	81.58735	0.5338	0.036457	0.5429	6.085751
171	47.443	24.5148	44.78371	35.45846	80.198	0.4663	0.111357	0.4941	5.988203
172	47.443	24.5148	43.95027	35.45846	79.20688	0.4246	0.239095	0.4844	5.968728
173	47.443	24.5148	43.32564	35.45846	78.25075	0.3934	0.390045	0.4909	5.98174
174	47.443	24.5148	43.18469	35.45846	77.94211	0.3863	0.447588	0.5442	6.088332
175	47.443	24.5148	43.06275	35.45846	77.25554	0.3802	0.602166	0.6972	6.394439
176	47.443	24.5148	43.1473	35.45846	76.97589	0.3844	0.683305	0.7794	6.558831
177	47.443	24.5148	50.83198	35.45846	86.28855	0.7687	0.022419	0.7743	6.548561
178	47.443	24.5148	49.61001	35.45846	84.9761	0.7076	0.157553	0.7470	6.493932
179	47.443	24.5148	48.85898	35.45846	84.04135	0.6700	0.273304	0.7384	6.476703
180	47.443	24.5148	48.29787	35.45846	83.14083	0.6420	0.409219	0.7443	6.48855
181	47.443	24.5148	48.17147	35.45846	82.85041	0.6357	0.460866	0.7509	6.501734
182	47.443	24.5148	48.06219	35.45846	82.20484	0.6302	0.599406	0.7800	6.560075
183	47.443	24.5148	48.13795	35.45846	81.94208	0.6340	0.67213	0.8306	6.661246

184	47.443	24.5148	55.58294	35.45846	91.0216	1.0062	0.071282	1.0240	7.048088
185	47.443	24.5148	54.46766	35.45846	89.77837	0.9505	0.195534	0.9993	6.998687
186	47.443	24.5148	53.7845	35.45846	88.89413	0.9163	0.301257	0.9916	6.983232
187	47.443	24.5148	53.2753	35.45846	88.04326	0.8908	0.424812	0.9970	6.994089
188	47.443	24.5148	53.16073	35.45846	87.76906	0.8851	0.471653	1.0030	7.006053
189	47.443	24.5148	60.37413	35.45846	95.78179	1.2458	0.112421	1.2739	7.547777
190	47.443	24.5148	59.34896	35.45846	94.60113	1.1945	0.227282	1.2513	7.502691
191	47.443	24.5148	58.72261	35.45846	93.76238	1.1632	0.324515	1.2443	7.488673
192	47.443	24.5148	58.25659	35.45846	92.95609	1.1399	0.437739	1.2493	7.498682
193	47.443	24.5148	58.15184	35.45846	92.69642	1.1347	0.480588	1.2548	7.509632
194	47.443	24.5148	65.1967	35.45846	100.5652	1.4869	0.147492	1.5238	8.047569
195	47.443	24.5148	64.24852	35.45846	99.4414	1.4395	0.254196	1.5031	8.006104
196	47.443	24.5148	63.67039	35.45846	98.64382	1.4106	0.344162	1.4966	7.993273
197	47.443	24.5148	63.24084	35.45846	97.87774	1.3891	0.448629	1.5013	8.002552
198	47.443	24.5148	63.14436	35.45846	97.63117	1.3843	0.48811	1.5063	8.012644
Total Waktu Pekerjaan Pengangkutan Besi									1888.802 menit

Task	X	Y	$\rho(D)$	$\rho(S2)$	lj	Ta	T ω	Th	Total T
199	47.443	24.5148	53.40211	42.87023	52.58502	0.5266	3.340962	3.4726	12.44522
200	47.443	24.5148	51.60904	42.87023	48.53936	0.4369	3.461572	3.5708	12.64161
201	47.443	24.5148	50.25133	42.87023	44.9513	0.3691	3.575996	3.6683	12.83652
202	47.443	24.5148	49.01489	42.87023	40.91995	0.3072	3.712586	3.7894	13.07879
203	47.443	24.5148	48.25459	42.87023	37.63607	0.2692	3.829695	3.8970	13.294
204	47.443	24.5148	47.68637	42.87023	33.93622	0.2408	3.967298	4.0275	13.555
205	47.443	24.5148	47.55835	42.87023	32.56704	0.2344	4.019605	4.0782	13.65641
206	47.443	24.5148	47.44765	42.87023	28.97927	0.2289	4.159934	4.2172	13.9343
207	47.443	24.5148	47.5244	42.87023	27.14187	0.2327	4.233597	4.2918	14.08355
208	47.443	24.5148	47.84422	42.87023	24.25757	0.2487	4.351933	4.4141	14.32822
209	47.443	24.5148	48.13959	42.87023	51.36206	0.2635	3.245348	3.3112	12.12243
210	47.443	24.5148	46.14247	42.87023	47.21172	0.1636	3.376048	3.4170	12.3339
211	47.443	24.5148	44.61873	42.87023	43.51432	0.0874	3.501937	3.5238	12.54759
212	47.443	24.5148	43.22146	42.87023	39.33598	0.0176	3.654322	3.6587	12.81742
213	47.443	24.5148	42.35729	42.87023	35.90752	0.0256	3.786473	3.7929	13.08577
214	47.443	24.5148	41.70882	42.87023	32.00849	0.0581	3.943039	3.9576	13.41511
215	47.443	24.5148	41.56238	42.87023	30.55304	0.0654	4.0028	4.0191	13.5383
216	47.443	24.5148	41.43567	42.87023	26.69597	0.0717	4.163428	4.1814	13.86272
217	47.443	24.5148	41.52353	42.87023	24.68922	0.0673	4.247742	4.2646	14.02915
218	47.443	24.5148	41.88919	42.87023	21.47804	0.0491	4.382863	4.3951	14.29025
219	47.443	24.5148	43.09478	42.87023	50.82639	0.0112	3.127331	3.1301	11.76028
220	47.443	24.5148	40.85178	42.87023	46.6284	0.1009	3.268431	3.2937	12.08732
221	47.443	24.5148	39.12251	42.87023	42.88073	0.1874	3.407193	3.4540	12.40808
222	47.443	24.5148	37.52112	42.87023	38.63392	0.2675	3.578521	3.6454	12.79077
223	47.443	24.5148	36.52233	42.87023	35.13703	0.3174	3.729604	3.8090	13.11791
224	47.443	24.5148	35.76822	42.87023	31.14169	0.3551	3.910832	3.9996	13.49921
225	47.443	24.5148	35.59735	42.87023	29.64371	0.3636	3.980443	4.0714	13.64271

226	47.443	24.5148	35.44933	42.87023	25.65026	0.3710	4.168084	4.2608	14.02169
227	47.443	24.5148	35.55198	42.87023	23.55459	0.3659	4.266571	4.3580	14.2161
228	47.443	24.5148	35.97838	42.87023	20.16351	0.3446	4.423822	4.5100	14.51994
229	47.443	24.5148	38.3125	42.87023	50.99403	0.2279	2.978655	3.0356	11.57125
230	47.443	24.5148	35.77088	42.87023	46.81107	0.3550	3.129253	3.2180	11.93599
231	47.443	24.5148	33.78252	42.87023	43.0793	0.4544	3.281743	3.3953	12.29068
232	47.443	24.5148	31.91429	42.87023	38.8542	0.5478	3.475616	3.6126	12.72513
233	47.443	24.5148	30.73382	42.87023	35.37909	0.6068	3.651048	3.8028	13.10551
234	47.443	24.5148	29.83376	42.87023	31.41454	0.6518	3.865708	4.0287	13.55733
235	47.443	24.5148	29.62869	42.87023	29.93022	0.6621	3.949015	4.1145	13.72907
236	47.443	24.5148	29.45068	42.87023	25.98085	0.6710	4.174649	4.3424	14.18479
237	47.443	24.5148	29.57416	42.87023	23.91417	0.6648	4.293063	4.4593	14.41853
238	47.443	24.5148	30.08541	42.87023	20.58242	0.6392	4.480977	4.6408	14.78157
239	47.443	24.5148	33.91955	42.87023	51.86	0.4475	2.789608	2.9015	11.30298
240	47.443	24.5148	31.02004	42.87023	47.75296	0.5925	2.945804	3.0939	11.68786
241	47.443	24.5148	28.70446	42.87023	44.10096	0.7083	3.110622	3.2877	12.07539
242	47.443	24.5148	26.48036	42.87023	39.98397	0.8195	3.329713	3.5346	12.56917
243	47.443	24.5148	25.04507	42.87023	36.61624	0.8913	3.536443	3.7593	13.01852
244	47.443	24.5148	23.932	42.87023	32.80156	0.9469	3.798257	4.0350	13.56997
245	47.443	24.5148	23.67587	42.87023	31.38291	0.9597	3.901757	4.1417	13.78337
246	47.443	24.5148	23.45272	42.87023	27.64188	0.9709	4.184573	4.4273	14.35458
247	47.443	24.5148	23.6076	42.87023	25.70907	0.9631	4.332963	4.5737	14.64749
248	47.443	24.5148	24.24499	42.87023	22.64298	0.9313	4.565812	4.7986	15.09726
249	47.443	24.5148	32.90072	42.87023	52.18215	0.4985	2.734681	2.8593	11.2186
250	47.443	24.5148	29.90259	42.87023	48.10262	0.6484	2.891043	3.0531	11.60628
251	47.443	24.5148	27.49305	42.87023	44.47934	0.7689	3.058139	3.2504	12.00071
252	47.443	24.5148	25.1621	42.87023	40.40093	0.8854	3.283502	3.5049	12.50971
253	47.443	24.5148	23.64693	42.87023	37.07109	0.9612	3.499232	3.7395	12.97905
254	47.443	24.5148	22.46469	42.87023	33.30855	1.0203	3.775868	4.0309	13.56187
255	47.443	24.5148	22.19163	42.87023	31.91245	1.0339	3.885985	4.1445	13.78894
256	47.443	24.5148	21.9534	42.87023	28.24165	1.0458	4.187901	4.4494	14.39872
257	47.443	24.5148	22.11878	42.87023	26.35287	1.0376	4.346299	4.6057	14.71138
258	47.443	24.5148	22.79783	42.87023	23.37139	1.0036	4.59379	4.8447	15.18939
259	47.443	24.5148	29.79984	42.87023	53.54625	0.6535	2.525768	2.6891	10.8783
260	47.443	24.5148	26.45256	42.87023	49.57909	0.8209	2.676432	2.8817	11.26331
261	47.443	24.5148	23.69475	42.87023	46.07207	0.9588	2.845667	3.0854	11.67072
262	47.443	24.5148	20.94527	42.87023	42.14806	1.0962	3.088338	3.3624	12.2248
263	47.443	24.5148	19.09844	42.87023	38.96781	1.1886	3.336326	3.6335	12.76695
264	47.443	24.5148	17.6135	42.87023	35.40739	1.2628	3.674406	3.9901	13.48023
265	47.443	24.5148	27.26909	42.87023	55.33014	0.7801	2.273406	2.4684	10.43684
266	47.443	24.5148	23.56504	42.87023	51.50058	0.9653	2.40364	2.6450	10.78991
267	47.443	24.5148	20.42092	42.87023	48.13377	1.1225	2.558975	2.8396	11.17918
268	47.443	24.5148	17.15452	42.87023	44.39237	1.2858	2.80131	3.1228	11.74551
269	47.443	24.5148	14.8433	42.87023	41.38495	1.4013	3.076159	3.4265	12.35299
270	47.443	24.5148	12.87666	42.87023	38.05138	1.4997	3.497172	3.8721	13.24418
271	47.443	24.5148	25.47894	42.87023	57.49477	0.8696	1.977827	2.1952	9.890436

272	47.443	24.5148	21.46821	42.87023	53.81946	1.0701	2.066721	2.3342	10.16849
273	47.443	24.5148	17.96071	42.87023	50.60715	1.2455	2.179343	2.4907	10.48142
274	47.443	24.5148	14.13685	42.87023	47.0628	1.4367	2.373464	2.7326	10.96526
275	47.443	24.5148	11.22036	42.87023	44.23729	1.5825	2.629801	3.0254	11.55085
276	47.443	24.5148	8.448755	42.87023	41.13552	1.7211	3.125301	3.5556	12.61114
277	47.443	24.5148	24.59166	42.87023	59.99894	0.9139	1.649665	1.8781	9.256295
278	47.443	24.5148	20.40728	42.87023	56.4868	1.1231	1.676765	1.9576	9.415104
279	47.443	24.5148	16.67813	42.87023	53.43508	1.3096	1.712442	2.0398	9.579687
280	47.443	24.5148	12.46689	42.87023	50.09123	1.5202	1.778641	2.1587	9.817366
281	47.443	24.5148	9.026045	42.87023	47.44641	1.6922	1.879414	2.3025	10.10493
282	47.443	24.5148	5.191768	42.87023	44.56855	1.8839	2.157067	2.6280	10.75609
283	47.443	24.5148	24.70471	42.87023	62.80204	0.9083	1.311078	1.5381	8.576293
284	47.443	24.5148	20.54337	42.87023	59.45572	1.1163	1.268903	1.5480	8.595977
285	47.443	24.5148	16.84438	42.87023	56.5644	1.3013	1.213673	1.6047	8.709422
286	47.443	24.5148	12.68844	42.87023	53.4168	1.5091	1.112287	1.7872	9.074323
287	47.443	24.5148	9.329657	42.87023	50.94493	1.6770	0.961422	1.9174	9.334769
288	47.443	24.5148	5.703285	42.87023	48.27607	1.8583	0.574927	2.0021	9.504158
289	47.443	24.5148	4.509286	42.87023	47.32361	1.9180	0.276131	1.9871	9.47416
290	47.443	24.5148	3.133186	42.87023	44.93006	1.9869	1.467694	2.3538	10.20755
291	47.443	24.5148	4.135884	42.87023	43.76749	1.9367	2.331622	2.8158	11.1316
292	47.443	24.5148	6.899729	42.87023	42.03977	1.7985	2.953026	3.4027	12.30531
293	47.443	24.5148	25.80495	42.87023	65.86593	0.8533	0.988617	1.2019	7.903865
294	47.443	24.5148	21.85413	42.87023	62.68338	1.0508	0.88854	1.2729	8.04588
295	47.443	24.5148	18.42026	42.87023	59.94794	1.2225	0.763327	1.4133	8.32666
296	47.443	24.5148	14.7163	42.87023	56.98753	1.4077	0.552224	1.5458	8.591505
297	47.443	24.5148	11.94217	42.87023	54.67733	1.5464	0.283616	1.6173	8.734614
298	47.443	24.5148	9.386184	42.87023	52.19965	1.6742	0.202442	1.7248	8.949626
299	47.443	24.5148	8.712443	42.87023	51.32006	1.7079	0.449669	1.8203	9.140613
300	47.443	24.5148	8.086399	42.87023	49.12163	1.7392	1.241566	2.0496	9.599166
301	47.443	24.5148	8.525171	42.87023	48.06056	1.7173	1.65486	2.1310	9.761936
302	47.443	24.5148	10.15772	42.87023	46.49264	1.6356	2.191327	2.6002	10.70047
303	47.443	24.5148	27.77532	42.87023	69.15594	0.7547	0.702182	0.9303	7.360582
304	47.443	24.5148	24.14904	42.87023	66.13191	0.9361	0.565756	1.0775	7.654997
305	47.443	24.5148	21.09216	42.87023	63.5451	1.0889	0.40529	1.1902	7.880452
306	47.443	24.5148	17.94833	42.87023	60.76021	1.2461	0.160093	1.2861	8.072237
307	47.443	24.5148	15.754	42.87023	58.59892	1.3558	0.110475	1.3834	8.266861
308	47.443	24.5148	13.91666	42.87023	56.29411	1.4477	0.511361	1.5755	8.651038
309	47.443	24.5148	13.47144	42.87023	55.47948	1.4699	0.685798	1.6414	8.782778
310	47.443	24.5148	13.07528	42.87023	53.4524	1.4897	1.187536	1.7866	9.073263
311	47.443	24.5148	13.35109	42.87023	52.47896	1.4760	1.450415	1.8386	9.177122
312	47.443	24.5148	14.44826	42.87023	51.04694	1.4211	1.837458	2.1927	9.885465
313	47.443	24.5148	30.44736	42.87023	72.64137	0.6211	0.459761	0.7361	6.972168
314	47.443	24.5148	27.17994	42.87023	69.76858	0.7845	0.306799	0.8612	7.222429
315	47.443	24.5148	24.50412	42.87023	67.32164	0.9183	0.137054	0.9526	7.405138
316	47.443	24.5148	21.8567	42.87023	64.69951	1.0507	0.102588	1.0763	7.652647
317	47.443	24.5148	20.09382	42.87023	62.67422	1.1388	0.343271	1.2246	7.949277

318	47.443	24.5148	18.68814	42.87023	60.5248	1.2091	0.665851	1.3756	8.251135
319	47.443	24.5148	18.35899	42.87023	59.76785	1.2256	0.797565	1.4250	8.349906
320	47.443	24.5148	18.0703	42.87023	57.89113	1.2400	1.163361	1.5308	8.561673
321	47.443	24.5148	18.27087	42.87023	56.99356	1.2300	1.355208	1.6627	8.825401
322	47.443	24.5148	19.08731	42.87023	55.67777	1.1891	1.650157	1.9474	9.394887
323	47.443	24.5148	33.65434	42.87023	76.29543	0.4608	0.259914	0.5258	6.551546
324	47.443	24.5148	30.72982	42.87023	73.56547	0.6070	0.103613	0.6329	6.765847
325	47.443	24.5148	28.39058	42.87023	71.24905	0.7240	0.061838	0.7394	6.978884
326	47.443	24.5148	26.13979	42.87023	68.77682	0.8365	0.282557	0.9072	7.314323
327	47.443	24.5148	24.6847	42.87023	66.87512	0.9093	0.491557	1.0322	7.564331
328	47.443	24.5148	23.55461	42.87023	64.86506	0.9658	0.757043	1.1550	7.810084
329	47.443	24.5148	23.29433	42.87023	64.15933	0.9788	0.862169	1.1943	7.888675
330	47.443	24.5148	23.06748	42.87023	62.4148	0.9901	1.149659	1.3972	8.294386
331	47.443	24.5148	23.22493	42.87023	61.58319	0.9823	1.300498	1.5461	8.592128
332	47.443	24.5148	23.87254	42.87023	60.36752	0.9499	1.536949	1.7744	9.04884
333	47.443	24.5148	37.25839	42.87023	80.09505	0.2806	0.09673	0.3048	6.109549
334	47.443	24.5148	34.6395	42.87023	77.49905	0.4115	0.055666	0.4255	6.350906
335	47.443	24.5148	32.58217	42.87023	75.30373	0.5144	0.211264	0.5672	6.634438
336	47.443	24.5148	30.64085	42.87023	72.969	0.6115	0.410809	0.7142	6.928343
337	47.443	24.5148	29.40931	42.87023	71.17939	0.6730	0.592801	0.8212	7.142493
338	47.443	24.5148	28.46739	42.87023	69.2943	0.7201	0.81689	0.9969	7.493852
339	47.443	24.5148	28.25241	42.87023	68.63413	0.7309	0.904144	1.0869	7.673733
340	47.443	24.5148	28.06567	42.87023	67.0062	0.7402	1.140836	1.3259	8.151786
341	47.443	24.5148	28.19522	42.87023	66.23227	0.7338	1.265049	1.4485	8.396972
342	47.443	24.5148	28.73102	42.87023	65.10347	0.7070	1.461772	1.6385	8.777024
343	47.443	24.5148	39.56562	42.87023	82.43516	0.1652	0.013589	0.1686	5.837256
344	47.443	24.5148	37.10991	42.87023	79.91522	0.2880	0.134672	0.3217	6.143368
345	47.443	24.5148	35.19728	42.87023	77.78812	0.3836	0.283471	0.4545	6.40903
346	47.443	24.5148	33.40826	42.87023	75.53022	0.4731	0.470942	0.5908	6.681668
347	47.443	24.5148	32.28247	42.87023	73.80275	0.5294	0.639205	0.7716	7.043105
348	47.443	24.5148	31.42679	42.87023	71.98638	0.5722	0.843786	0.9868	7.473658
349	47.443	24.5148	31.23218	42.87023	71.35113	0.5819	0.922917	1.0684	7.636784
350	47.443	24.5148	31.06336	42.87023	69.78661	0.5903	1.136907	1.2845	8.068986
351	47.443	24.5148	31.18046	42.87023	69.04385	0.5845	1.249215	1.3953	8.290673
352	47.443	24.5148	31.66578	42.87023	67.96177	0.5602	1.427793	1.5678	8.635697
353	47.443	24.5148	36.97528	42.87023	79.46619	0.2947	0.325935	0.3996	6.299243
354	47.443	24.5148	35.27654	42.87023	77.25735	0.3797	0.505801	0.6007	6.701445
355	47.443	24.5148	34.21229	42.87023	75.56937	0.4329	0.665829	0.7741	7.048107
356	47.443	24.5148	33.40607	42.87023	73.7965	0.4732	0.859085	0.9774	7.454773
357	47.443	24.5148	33.22306	42.87023	73.17697	0.4824	0.933573	1.0542	7.608325
358	47.443	24.5148	33.0644	42.87023	71.65232	0.4903	1.134681	1.2573	8.014508
359	47.443	24.5148	33.17444	42.87023	70.9291	0.4848	1.240232	1.3614	8.222859
360	47.443	24.5148	33.631	42.87023	69.87622	0.4620	1.408418	1.5239	8.547816
361	47.443	24.5148	41.50595	42.87023	83.72037	0.0682	0.415923	0.4330	6.365954
362	47.443	24.5148	40.00009	42.87023	81.62673	0.1435	0.578551	0.6144	6.728855
363	47.443	24.5148	39.06473	42.87023	80.03096	0.1903	0.7208	0.7684	7.036737

364	47.443	24.5148	38.36064	42.87023	78.35909	0.2255	0.890395	0.9468	7.393531
365	47.443	24.5148	38.20137	42.87023	77.77591	0.2334	0.955337	1.0137	7.527395
366	47.443	24.5148	38.06347	42.87023	76.34316	0.2403	1.130143	1.1902	7.880455
367	47.443	24.5148	38.1591	42.87023	75.6648	0.2356	1.221896	1.2808	8.061569
368	47.443	24.5148	46.13369	42.87023	88.05296	0.1632	0.488035	0.5288	6.557657
369	47.443	24.5148	44.78371	42.87023	86.06478	0.0957	0.635849	0.6598	6.819536
370	47.443	24.5148	43.95027	42.87023	84.55281	0.0540	0.763587	0.7771	7.054175
371	47.443	24.5148	43.32564	42.87023	82.97211	0.0228	0.914537	0.9202	7.340459
372	47.443	24.5148	43.18469	42.87023	82.42158	0.0157	0.972081	0.9760	7.452023
373	47.443	24.5148	43.06275	42.87023	81.07097	0.0096	1.126658	1.1291	7.75813
374	47.443	24.5148	43.1473	42.87023	80.43249	0.0139	1.207797	1.2113	7.922522
375	47.443	24.5148	50.83198	42.87023	92.45295	0.3981	0.546911	0.6464	6.792865
376	47.443	24.5148	49.61001	42.87023	90.56142	0.3370	0.682045	0.7663	7.032585
377	47.443	24.5148	48.85898	42.87023	89.12576	0.2994	0.797796	0.8727	7.245311
378	47.443	24.5148	48.29787	42.87023	87.62759	0.2714	0.933711	1.0016	7.503113
379	47.443	24.5148	48.17147	42.87023	87.10649	0.2651	0.985359	1.0516	7.603248
380	47.443	24.5148	48.06219	42.87023	85.82964	0.2596	1.123899	1.1888	7.877596
381	47.443	24.5148	48.13795	42.87023	85.22681	0.2634	1.196622	1.2625	8.024937
382	47.443	24.5148	55.58294	42.87023	96.91115	0.6356	0.595774	0.7846	7.069158
383	47.443	24.5148	54.46766	42.87023	95.10833	0.5799	0.720027	0.8650	7.229989
384	47.443	24.5148	53.7845	42.87023	93.74234	0.5457	0.82575	0.9622	7.424356
385	47.443	24.5148	53.2753	42.87023	92.31912	0.5203	0.949304	1.0794	7.658735
386	47.443	24.5148	53.16073	42.87023	91.82464	0.5145	0.996145	1.1248	7.749552
387	47.443	24.5148	60.37413	42.87023	101.4199	0.8752	0.636913	1.0344	7.568847
388	47.443	24.5148	59.34896	42.87023	99.69864	0.8239	0.751774	1.0119	7.523761
389	47.443	24.5148	58.72261	42.87023	98.39639	0.7926	0.849007	1.0472	7.594325
390	47.443	24.5148	58.25659	42.87023	97.04145	0.7693	0.962231	1.1546	7.809122
391	47.443	24.5148	58.15184	42.87023	96.57116	0.7641	1.00508	1.1961	7.8922
392	47.443	24.5148	65.1967	42.87023	105.9727	1.1163	0.671985	1.2843	8.068639
393	47.443	24.5148	64.24852	42.87023	104.3266	1.0689	0.778689	1.2636	8.027173
394	47.443	24.5148	63.67039	42.87023	103.0828	1.0400	0.868654	1.2572	8.014343
395	47.443	24.5148	63.24084	42.87023	101.7903	1.0185	0.973122	1.2618	8.023622
396	47.443	24.5148	63.14436	42.87023	101.3421	1.0137	1.012602	1.2669	8.033714
Total Waktu Pekerjaan Pengangkutan <i>Scaffolding</i>									1965.27 menit

Task	X	Y	$\rho(D)$	$\rho(S3)$	lj	Ta	Tw	Th	Total T
397	47.443	24.5148	53.40211	29.86908	60.71929	1.1767	2.647835	2.9420	14.38399
398	47.443	24.5148	51.60904	29.86908	57.25143	1.0870	2.768444	3.0402	14.58039
399	47.443	24.5148	50.25133	29.86908	54.24282	1.0191	2.882868	3.1376	14.77529
400	47.443	24.5148	49.01489	29.86908	50.95209	0.9573	3.019458	3.2588	15.01756
401	47.443	24.5148	48.25459	29.86908	48.35446	0.9193	3.136567	3.3664	15.23277
402	47.443	24.5148	47.68637	29.86908	45.53411	0.8909	3.27417	3.4969	15.49377
403	47.443	24.5148	47.55835	29.86908	44.52306	0.8845	3.326477	3.5476	15.59519
404	47.443	24.5148	47.44765	29.86908	41.97019	0.8789	3.466807	3.6865	15.87308
405	47.443	24.5148	47.5244	29.86908	40.72326	0.8828	3.540469	3.7612	16.02232

406	47.443	24.5148	47.84422	29.86908	38.86051	0.8988	3.658805	3.8835	16.26699
407	47.443	24.5148	48.13959	29.86908	57.64584	0.9135	2.55222	2.7806	14.0612
408	47.443	24.5148	46.14247	29.86908	53.9809	0.8137	2.68292	2.8863	14.27267
409	47.443	24.5148	44.61873	29.86908	50.77888	0.7375	2.80881	2.9932	14.48636
410	47.443	24.5148	43.22146	29.86908	47.2475	0.6676	2.961194	3.1281	14.7562
411	47.443	24.5148	42.35729	29.86908	44.43382	0.6244	3.093346	3.2494	14.9989
412	47.443	24.5148	41.70882	29.86908	41.34689	0.5920	3.249911	3.3979	15.29582
413	47.443	24.5148	41.56238	29.86908	40.23075	0.5847	3.309672	3.4558	15.41168
414	47.443	24.5148	41.43567	29.86908	37.38593	0.5783	3.4703	3.6149	15.72977
415	47.443	24.5148	41.52353	29.86908	35.98048	0.5827	3.554614	3.7003	15.90059
416	47.443	24.5148	41.88919	29.86908	33.85779	0.6010	3.689735	3.8400	16.17997
417	47.443	24.5148	43.09478	29.86908	55.06939	0.6613	2.434203	2.5995	13.69905
418	47.443	24.5148	40.85178	29.86908	51.22043	0.5491	2.575304	2.7126	13.92517
419	47.443	24.5148	39.12251	29.86908	47.83398	0.4627	2.714066	2.8297	14.15947
420	47.443	24.5148	37.52112	29.86908	44.06723	0.3826	2.885393	2.9810	14.46209
421	47.443	24.5148	36.52233	29.86908	41.03607	0.3327	3.036477	3.1196	14.73928
422	47.443	24.5148	35.76822	29.86908	37.67174	0.2950	3.217705	3.2914	15.08289
423	47.443	24.5148	35.59735	29.86908	36.44322	0.2864	3.287316	3.3589	15.21784
424	47.443	24.5148	35.44933	29.86908	33.27616	0.2790	3.474957	3.5447	15.58942
425	47.443	24.5148	35.55198	29.86908	31.68895	0.2841	3.573443	3.6445	15.78896
426	47.443	24.5148	35.97838	29.86908	29.25654	0.3055	3.730694	3.8071	16.11412
427	47.443	24.5148	38.3125	29.86908	53.04282	0.4222	2.285528	2.3911	13.28214
428	47.443	24.5148	35.77088	29.86908	49.03504	0.2951	2.436125	2.5099	13.51979
429	47.443	24.5148	33.78252	29.86908	45.48617	0.1957	2.588615	2.6375	13.77507
430	47.443	24.5148	31.91429	29.86908	41.50691	0.1023	2.782489	2.8081	14.11611
431	47.443	24.5148	30.73382	29.86908	38.27351	0.0432	2.95792	2.9687	14.43746
432	47.443	24.5148	29.83376	29.86908	34.64193	0.0018	3.172581	3.1730	14.84604
433	47.443	24.5148	29.62869	29.86908	33.30182	0.0120	3.255887	3.2589	15.01778
434	47.443	24.5148	29.45068	29.86908	29.80278	0.0209	3.481522	3.4868	15.4735
435	47.443	24.5148	29.57416	29.86908	28.0195	0.0147	3.599936	3.6036	15.70724
436	47.443	24.5148	30.08541	29.86908	25.23584	0.0108	3.787849	3.7906	16.08111
437	47.443	24.5148	33.91955	29.86908	51.63762	0.2025	2.096481	2.1471	12.79422
438	47.443	24.5148	31.02004	29.86908	47.51145	0.0575	2.252677	2.2671	13.03413
439	47.443	24.5148	28.70446	29.86908	43.83942	0.0582	2.417494	2.4321	13.3641
440	47.443	24.5148	26.48036	29.86908	39.69542	0.1694	2.636585	2.6789	13.85789
441	47.443	24.5148	25.04507	29.86908	36.30103	0.2412	2.843316	2.9036	14.30723
442	47.443	24.5148	23.932	29.86908	32.44944	0.2969	3.105129	3.1793	14.85869
443	47.443	24.5148	23.67587	29.86908	31.01474	0.3097	3.208629	3.2860	15.07209
444	47.443	24.5148	23.45272	29.86908	27.2233	0.3208	3.491445	3.5716	15.6433
445	47.443	24.5148	23.6076	29.86908	25.25857	0.3131	3.639835	3.7181	15.93621
446	47.443	24.5148	24.24499	29.86908	22.13031	0.2812	3.872685	3.9430	16.38597
447	47.443	24.5148	32.90072	29.86908	51.38988	0.1516	2.041553	2.0794	12.6589
448	47.443	24.5148	29.90259	29.86908	47.24207	0.0017	2.197915	2.1983	12.89667
449	47.443	24.5148	27.49305	29.86908	43.54734	0.1188	2.365011	2.3947	13.28942
450	47.443	24.5148	25.1621	29.86908	39.37261	0.2353	2.590374	2.6492	13.79842
451	47.443	24.5148	23.64693	29.86908	35.94774	0.3111	2.806104	2.8839	14.26776

452	47.443	24.5148	22.46469	29.86908	32.05373	0.3702	3.08274	3.1753	14.85059
453	47.443	24.5148	22.19163	29.86908	30.60048	0.3839	3.192858	3.2888	15.07765
454	47.443	24.5148	21.9534	29.86908	26.7504	0.3958	3.494773	3.5937	15.68744
455	47.443	24.5148	22.11878	29.86908	24.74815	0.3875	3.653171	3.7500	16.0001
456	47.443	24.5148	22.79783	29.86908	21.54591	0.3536	3.900662	3.9891	16.47811
457	47.443	24.5148	29.79984	29.86908	50.87572	0.0035	1.83264	1.8335	12.16701
458	47.443	24.5148	26.45256	29.86908	46.68225	0.1708	1.983305	2.0260	12.55202
459	47.443	24.5148	23.69475	29.86908	42.93937	0.3087	2.152539	2.2297	12.95944
460	47.443	24.5148	20.94527	29.86908	38.69911	0.4462	2.39521	2.5068	13.51352
461	47.443	24.5148	19.09844	29.86908	35.20879	0.5385	2.643199	2.7778	14.05566
462	47.443	24.5148	17.6135	29.86908	31.22276	0.6128	2.981279	3.1345	14.76895
463	47.443	24.5148	27.26909	29.86908	50.85034	0.1300	1.580278	1.6128	11.72556
464	47.443	24.5148	23.56504	29.86908	46.6546	0.3152	1.710512	1.7893	12.07863
465	47.443	24.5148	20.42092	29.86908	42.90931	0.4724	1.865847	1.9839	12.4679
466	47.443	24.5148	17.15452	29.86908	38.66575	0.6357	2.108183	2.2671	13.03423
467	47.443	24.5148	14.8433	29.86908	35.17212	0.7513	2.383031	2.5709	13.64171
468	47.443	24.5148	12.87666	29.86908	31.1814	0.8496	2.804044	3.0164	14.5329
469	47.443	24.5148	25.47894	29.86908	51.31449	0.2195	1.284699	1.3396	11.17915
470	47.443	24.5148	21.46821	29.86908	47.16005	0.4200	1.373594	1.4786	11.45721
471	47.443	24.5148	17.96071	29.86908	43.45834	0.5954	1.486215	1.6351	11.77014
472	47.443	24.5148	14.13685	29.86908	39.27415	0.7866	1.680336	1.8770	12.25398
473	47.443	24.5148	11.22036	29.86908	35.83988	0.9324	1.936673	2.1698	12.83956
474	47.443	24.5148	8.448755	29.86908	31.93272	1.0710	2.432173	2.6999	13.89985
475	47.443	24.5148	24.59166	29.86908	52.2551	0.2639	0.956538	1.0225	10.54501
476	47.443	24.5148	20.40728	29.86908	48.18184	0.4731	0.983638	1.1019	10.70382
477	47.443	24.5148	16.67813	29.86908	44.56508	0.6595	1.019315	1.1842	10.8684
478	47.443	24.5148	12.46689	29.86908	40.49541	0.8701	1.085514	1.3030	11.10608
479	47.443	24.5148	9.026045	29.86908	37.17413	1.0422	1.186286	1.4468	11.39365
480	47.443	24.5148	5.191768	29.86908	33.42331	1.2339	1.463939	1.7724	12.04481
481	47.443	24.5148	24.70471	29.86908	53.64713	0.2582	0.61795	0.6825	9.865009
482	47.443	24.5148	20.54337	29.86908	49.68811	0.4663	0.575775	0.6923	9.884693
483	47.443	24.5148	16.84438	29.86908	46.18945	0.6512	0.520546	0.7814	10.06274
484	47.443	24.5148	12.68844	29.86908	42.27644	0.8590	0.419159	0.9638	10.42764
485	47.443	24.5148	9.329657	29.86908	39.10672	1.0270	0.268295	1.0940	10.68809
486	47.443	24.5148	5.703285	29.86908	35.56032	1.2083	0.118201	1.2378	10.97568
487	47.443	24.5148	4.509286	29.86908	34.25616	1.2680	0.416996	1.3722	11.24448
488	47.443	24.5148	3.133186	29.86908	30.8655	1.3368	2.160821	2.4950	13.49004
489	47.443	24.5148	4.135884	29.86908	29.14732	1.2867	3.024749	3.3464	15.19283
490	47.443	24.5148	6.899729	29.86908	26.48247	1.1485	3.646154	3.9333	16.36654
491	47.443	24.5148	25.80495	29.86908	55.45659	0.2032	0.295489	0.3463	9.192581
492	47.443	24.5148	21.85413	29.86908	51.63649	0.4007	0.195412	0.4496	9.399201
493	47.443	24.5148	18.42026	29.86908	48.27924	0.5724	0.070199	0.5900	9.679981
494	47.443	24.5148	14.7163	29.86908	44.55015	0.7576	0.140904	0.7929	10.08573
495	47.443	24.5148	11.94217	29.86908	41.55423	0.8963	0.409511	0.9987	10.49745
496	47.443	24.5148	9.386184	29.86908	38.23553	1.0241	0.89557	1.2480	10.99607
497	47.443	24.5148	8.712443	29.86908	37.02571	1.0578	1.142796	1.4073	11.31451

498	47.443	24.5148	8.086399	29.86908	33.91309	1.0891	1.934693	2.2070	12.91395
499	47.443	24.5148	8.525171	29.86908	32.35715	1.0672	2.347988	2.6148	13.72957
500	47.443	24.5148	10.15772	29.86908	29.979	0.9856	2.884455	3.1308	14.76169
501	47.443	24.5148	27.77532	29.86908	57.64419	0.1047	0.009055	0.1070	8.713903
502	47.443	24.5148	24.14904	29.86908	53.97913	0.2860	0.127372	0.3178	9.13569
503	47.443	24.5148	21.09216	29.86908	50.777	0.4388	0.287838	0.5108	9.521611
504	47.443	24.5148	17.94833	29.86908	47.24548	0.5960	0.533034	0.7293	9.958592
505	47.443	24.5148	15.754	29.86908	44.43167	0.7058	0.803603	0.9800	10.46008
506	47.443	24.5148	13.91666	29.86908	41.34458	0.7976	1.204489	1.4039	11.30779
507	47.443	24.5148	13.47144	29.86908	40.22838	0.8199	1.378926	1.5839	11.66779
508	47.443	24.5148	13.07528	29.86908	37.38338	0.8397	1.880664	2.0906	12.68117
509	47.443	24.5148	13.35109	29.86908	35.97783	0.8259	2.143543	2.3500	13.20004
510	47.443	24.5148	14.44826	29.86908	33.85497	0.7710	2.530586	2.7233	13.94669
511	47.443	24.5148	30.44736	29.86908	60.16869	0.0289	0.233367	0.2406	8.98119
512	47.443	24.5148	27.17994	29.86908	56.66715	0.1345	0.386329	0.4199	9.339886
513	47.443	24.5148	24.50412	29.86908	53.62576	0.2682	0.556073	0.6231	9.746271
514	47.443	24.5148	21.8567	29.86908	50.29467	0.4006	0.795716	0.8959	10.29174
515	47.443	24.5148	20.09382	29.86908	47.66122	0.4888	1.036399	1.1586	10.81718
516	47.443	24.5148	18.68814	29.86908	44.79725	0.5590	1.358979	1.4987	11.49748
517	47.443	24.5148	18.35899	29.86908	43.76919	0.5755	1.490692	1.6346	11.76914
518	47.443	24.5148	18.0703	29.86908	41.1696	0.5899	1.856489	2.0040	12.50795
519	47.443	24.5148	18.27087	29.86908	39.89766	0.5799	2.048336	2.1933	12.88663
520	47.443	24.5148	19.08731	29.86908	37.99445	0.5391	2.343284	2.4781	13.45611
521	47.443	24.5148	33.65434	29.86908	62.98961	0.1893	0.433214	0.4805	9.461059
522	47.443	24.5148	30.72982	29.86908	59.65387	0.0430	0.589515	0.6003	9.700549
523	47.443	24.5148	28.39058	29.86908	56.77272	0.0739	0.754965	0.7734	10.04689
524	47.443	24.5148	26.13979	29.86908	53.63742	0.1865	0.975685	1.0223	10.5446
525	47.443	24.5148	24.6847	29.86908	51.17628	0.2592	1.184685	1.2495	10.99898
526	47.443	24.5148	23.55461	29.86908	48.52023	0.3157	1.45017	1.5291	11.5582
527	47.443	24.5148	23.29433	29.86908	47.57269	0.3287	1.555296	1.6375	11.77496
528	47.443	24.5148	23.06748	29.86908	45.19242	0.3401	1.842786	1.9278	12.35561
529	47.443	24.5148	23.22493	29.86908	44.03683	0.3322	1.993626	2.0767	12.65335
530	47.443	24.5148	23.87254	29.86908	42.32018	0.2998	2.230076	2.3050	13.11007
531	47.443	24.5148	37.25839	29.86908	66.06898	0.3695	0.596397	0.6888	9.877527
532	47.443	24.5148	34.6395	29.86908	62.89677	0.2385	0.748793	0.8084	10.11685
533	47.443	24.5148	32.58217	29.86908	60.17109	0.1357	0.904392	0.9383	10.37661
534	47.443	24.5148	30.64085	29.86908	57.2223	0.0386	1.103937	1.1136	10.72717
535	47.443	24.5148	29.40931	29.86908	54.92204	0.0230	1.285929	1.2917	11.08335
536	47.443	24.5148	28.46739	29.86908	52.456	0.0701	1.510018	1.5275	11.55508
537	47.443	24.5148	28.25241	29.86908	51.58081	0.0808	1.597271	1.6175	11.73496
538	47.443	24.5148	28.06567	29.86908	49.39407	0.0902	1.833964	1.8565	12.21301
539	47.443	24.5148	28.19522	29.86908	48.33902	0.0837	1.958176	1.9791	12.4582
540	47.443	24.5148	28.73102	29.86908	46.78051	0.0569	2.1549	2.1691	12.83825
541	47.443	24.5148	39.56562	29.86908	68.02518	0.4848	0.679539	0.8007	10.10149
542	47.443	24.5148	37.10991	29.86908	64.94859	0.3620	0.8278	0.9183	10.33662
543	47.443	24.5148	35.19728	29.86908	62.31273	0.2664	0.976599	1.0432	10.5864

544	47.443	24.5148	33.40826	29.86908	59.47023	0.1770	1.16407	1.2083	10.91662
545	47.443	24.5148	32.28247	29.86908	57.26033	0.1207	1.332333	1.3625	11.225
546	47.443	24.5148	31.42679	29.86908	54.89943	0.0779	1.536914	1.5564	11.61277
547	47.443	24.5148	31.23218	29.86908	54.06381	0.0682	1.616044	1.6331	11.76617
548	47.443	24.5148	31.06336	29.86908	51.98163	0.0597	1.830035	1.8450	12.18993
549	47.443	24.5148	31.18046	29.86908	50.98016	0.0656	1.942342	1.9587	12.41747
550	47.443	24.5148	31.66578	29.86908	49.50487	0.0898	2.120921	2.1434	12.78676
551	47.443	24.5148	36.97528	29.86908	63.78072	0.3553	1.019062	1.1079	10.71578
552	47.443	24.5148	35.27654	29.86908	61.00665	0.2704	1.198929	1.2665	11.03304
553	47.443	24.5148	34.21229	29.86908	58.85448	0.2172	1.358957	1.4132	11.32649
554	47.443	24.5148	33.40607	29.86908	56.56015	0.1768	1.552212	1.5964	11.69285
555	47.443	24.5148	33.22306	29.86908	55.74943	0.1677	1.6267	1.6686	11.83725
556	47.443	24.5148	33.0644	29.86908	53.73261	0.1598	1.827809	1.8678	12.2355
557	47.443	24.5148	33.17444	29.86908	52.76438	0.1653	1.93336	1.9747	12.44935
558	47.443	24.5148	33.631	29.86908	51.34039	0.1881	2.101545	2.1486	12.79714
559	47.443	24.5148	41.50595	29.86908	67.56773	0.5818	1.109051	1.2545	11.00902
560	47.443	24.5148	40.00009	29.86908	64.9556	0.5066	1.271678	1.3983	11.29663
561	47.443	24.5148	39.06473	29.86908	62.93861	0.4598	1.413927	1.5289	11.55775
562	47.443	24.5148	38.36064	29.86908	60.7986	0.4246	1.583523	1.6897	11.87933
563	47.443	24.5148	38.20137	29.86908	60.04513	0.4166	1.648465	1.7526	12.00524
564	47.443	24.5148	38.06347	29.86908	58.17742	0.4097	1.82327	1.9257	12.3514
565	47.443	24.5148	38.1591	29.86908	57.28437	0.4145	1.915023	2.0186	12.5373
566	47.443	24.5148	46.13369	29.86908	71.50397	0.8132	1.181163	1.3845	11.26894
567	47.443	24.5148	44.78371	29.86908	69.04092	0.7457	1.328977	1.5154	11.53082
568	47.443	24.5148	43.95027	29.86908	67.14676	0.7041	1.456715	1.6327	11.76546
569	47.443	24.5148	43.32564	29.86908	65.14514	0.6728	1.607664	1.7759	12.05174
570	47.443	24.5148	43.18469	29.86908	64.44251	0.6658	1.665208	1.8317	12.16331
571	47.443	24.5148	43.06275	29.86908	62.70591	0.6597	1.819786	1.9847	12.46941
572	47.443	24.5148	43.1473	29.86908	61.87825	0.6639	1.900925	2.0669	12.63381
573	47.443	24.5148	50.83198	29.86908	75.56611	1.0481	1.240038	1.5021	11.50415
574	47.443	24.5148	49.61001	29.86908	73.2398	0.9870	1.375173	1.6219	11.74387
575	47.443	24.5148	48.85898	29.86908	71.45702	0.9495	1.490924	1.7283	11.9566
576	47.443	24.5148	48.29787	29.86908	69.57951	0.9214	1.626839	1.8572	12.2144
577	47.443	24.5148	48.17147	29.86908	68.9221	0.9151	1.678486	1.9073	12.31453
578	47.443	24.5148	48.06219	29.86908	67.30119	0.9097	1.817026	2.0444	12.58888
579	47.443	24.5148	48.13795	29.86908	66.53072	0.9134	1.88975	2.1181	12.73622
580	47.443	24.5148	55.58294	29.86908	79.73491	1.2857	1.288902	1.6103	11.72065
581	47.443	24.5148	54.46766	29.86908	77.53378	1.2299	1.413154	1.7206	11.94127
582	47.443	24.5148	53.7845	29.86908	75.852	1.1958	1.518877	1.8178	12.13564
583	47.443	24.5148	53.2753	29.86908	74.08594	1.1703	1.642432	1.9350	12.37002
584	47.443	24.5148	53.16073	29.86908	73.46887	1.1646	1.689273	1.9804	12.46084
585	47.443	24.5148	60.37413	29.86908	83.99449	1.5253	1.330041	1.8578	12.21553
586	47.443	24.5148	59.34896	29.86908	81.90791	1.4740	1.444902	1.8352	12.17044
587	47.443	24.5148	58.72261	29.86908	80.31777	1.4427	1.542135	1.9028	12.30561
588	47.443	24.5148	58.25659	29.86908	78.65205	1.4194	1.655359	2.0102	12.52041
589	47.443	24.5148	58.15184	29.86908	78.07108	1.4141	1.698208	2.0517	12.60348

590	47.443	24.5148	65.1967	29.86908	88.33172	1.7664	1.365112	2.1077	12.71532
591	47.443	24.5148	64.24852	29.86908	86.35002	1.7190	1.471816	2.0869	12.67385
592	47.443	24.5148	63.67039	29.86908	84.84317	1.6901	1.561782	2.0805	12.66102
593	47.443	24.5148	63.24084	29.86908	83.26803	1.6686	1.666249	2.0852	12.6703
594	47.443	24.5148	63.14436	29.86908	82.71948	1.6638	1.70573	2.1217	12.74334
Total Waktu Pekerjaan Pengangkutan Bekisting									1965.27 menit

Total Waktu Semua Pekerjaan Pengangkutan = 5819.343
menit



Task	X	Y	$\rho(D)$	$\rho(S1)$	lj	Ta	T ω	Th	Total T
1	49.920	32.5624	59.60089	36.05908	39.13911	1.1771	4.089405	4.3837	13.76735
2	49.920	32.5624	57.41403	36.05908	35.25242	1.0677	4.19159	4.4585	13.91705
3	49.920	32.5624	55.65714	36.05908	31.84966	0.9799	4.289283	4.5343	14.06852
4	49.920	32.5624	53.91267	36.05908	28.10025	0.8927	4.407222	4.6304	14.26078
5	49.920	32.5624	52.69048	36.05908	25.13235	0.8316	4.509799	4.7177	14.43538
6	49.920	32.5624	51.5499	36.05908	21.93364	0.7745	4.63243	4.8261	14.65213
7	49.920	32.5624	51.19625	36.05908	20.80569	0.7569	4.679724	4.8689	14.73788
8	49.920	32.5624	50.45947	36.05908	18.06439	0.7200	4.808677	4.9887	14.97736
9	49.920	32.5624	50.19609	36.05908	16.82829	0.7069	4.877677	5.0544	15.10878
10	49.920	32.5624	49.95422	36.05908	15.23351	0.6948	4.990575	5.1643	15.32853
11	49.920	32.5624	54.66367	36.05908	37.39955	0.9302	3.989187	4.2217	13.44349
12	49.920	32.5624	52.27066	36.05908	33.3105	0.8106	4.096832	4.2995	13.59895
13	49.920	32.5624	50.33456	36.05908	29.68598	0.7138	4.201201	4.3796	13.75929
14	49.920	32.5624	48.39862	36.05908	25.62188	0.6170	4.328991	4.4832	13.96647
15	49.920	32.5624	47.03337	36.05908	22.32692	0.5487	4.441595	4.5788	14.15755
16	49.920	32.5624	45.75198	36.05908	18.65318	0.4846	4.577769	4.6989	14.39786
17	49.920	32.5624	45.35313	36.05908	17.31281	0.4647	4.630678	4.7469	14.49371
18	49.920	32.5624	44.51976	36.05908	13.89888	0.4230	4.775832	4.8816	14.76318
19	49.920	32.5624	44.22101	36.05908	12.2494	0.4081	4.853919	4.9559	14.91189
20	49.920	32.5624	43.94627	36.05908	9.94568	0.3944	4.982074	5.0807	15.16133
21	49.920	32.5624	49.98198	36.05908	36.57858	0.6961	3.870158	4.0442	13.08839
22	49.920	32.5624	47.35296	36.05908	32.38605	0.5647	3.982398	4.1236	13.24714
23	49.920	32.5624	45.20673	36.05908	28.64479	0.4574	4.093191	4.2075	13.41507
24	49.920	32.5624	43.04077	36.05908	24.40793	0.3491	4.231393	4.3187	13.63733
25	49.920	32.5624	41.49963	36.05908	20.92267	0.2720	4.355349	4.4234	13.84671
26	49.920	32.5624	40.04154	36.05908	16.94721	0.1991	4.507688	4.5575	14.11494
27	49.920	32.5624	39.5852	36.05908	15.45962	0.1763	4.567509	4.6116	14.22317
28	49.920	32.5624	38.62759	36.05908	11.5085	0.1284	4.733107	4.7652	14.53043
29	49.920	32.5624	38.28288	36.05908	9.45063	0.1112	4.822899	4.8507	14.70139
30	49.920	32.5624	37.9652	36.05908	6.179253	0.0953	4.970937	4.9948	14.98953
31	49.920	32.5624	45.59785	36.05908	36.72948	0.4769	3.727106	3.8463	12.69268
32	49.920	32.5624	42.69975	36.05908	32.55638	0.3320	3.841961	3.9250	12.84994
33	49.920	32.5624	40.30651	36.05908	28.83722	0.2124	3.957969	4.0111	13.02212
34	49.920	32.5624	37.86124	36.05908	24.63349	0.0901	4.106322	4.1288	13.2577
35	49.920	32.5624	36.09965	36.05908	21.18536	0.0020	4.242709	4.2432	13.48643
36	49.920	32.5624	34.41352	36.05908	17.27048	0.0823	4.414298	4.4349	13.86973
37	49.920	32.5624	33.88147	36.05908	15.81333	0.1089	4.482756	4.5100	14.01995
38	49.920	32.5624	32.75754	36.05908	11.97944	0.1651	4.674912	4.7162	14.43236
39	49.920	32.5624	32.35035	36.05908	10.01878	0.1854	4.780405	4.8268	14.65353
40	49.920	32.5624	31.97377	36.05908	7.017462	0.2043	4.955596	5.0067	15.01332
41	49.920	32.5624	41.61887	36.05908	37.84331	0.2780	3.555216	3.6247	12.24943
42	49.920	32.5624	38.4218	36.05908	33.80798	0.1181	3.668773	3.6983	12.39661
43	49.920	32.5624	35.74326	36.05908	30.24313	0.0158	3.786831	3.7908	12.58156
44	49.920	32.5624	32.96118	36.05908	26.26539	0.1549	3.942895	3.9816	12.96324
45	49.920	32.5624	30.92169	36.05908	23.06255	0.2569	4.091442	4.1557	13.31132

46	49.920	32.5624	28.93539	36.05908	19.5277	0.3562	4.284999	4.3740	13.74809
47	49.920	32.5624	28.30053	36.05908	18.25166	0.3879	4.364159	4.4611	13.92228
48	49.920	32.5624	26.9448	36.05908	15.0522	0.4557	4.591466	4.7054	14.41079
49	49.920	32.5624	26.44827	36.05908	13.54391	0.4805	4.718889	4.8390	14.67805
50	49.920	32.5624	25.98631	36.05908	11.50245	0.5036	4.933183	5.0591	15.11818
51	49.920	32.5624	40.70162	36.05908	38.26397	0.2321	3.507152	3.5652	12.13037
52	49.920	32.5624	37.42628	36.05908	34.2782	0.0684	3.619457	3.6365	12.27309
53	49.920	32.5624	34.67092	36.05908	30.76788	0.0694	3.737173	3.7545	12.50905
54	49.920	32.5624	31.79514	36.05908	26.86793	0.2132	3.894315	3.9476	12.89523
55	49.920	32.5624	29.67562	36.05908	23.74651	0.3192	4.045497	4.1253	13.25058
56	49.920	32.5624	27.59979	36.05908	20.33092	0.4230	4.244731	4.3505	13.70094
57	49.920	32.5624	26.93347	36.05908	19.1086	0.4563	4.32689	4.4410	13.88192
58	49.920	32.5624	25.50518	36.05908	16.08055	0.5277	4.564683	4.6966	14.39321
59	49.920	32.5624	24.98005	36.05908	14.67832	0.5540	4.698976	4.8375	14.67493
60	49.920	32.5624	24.4904	36.05908	12.81881	0.5784	4.925867	5.0705	15.14095
61	49.920	32.5624	37.91341	36.05908	40.04185	0.0927	3.330979	3.3542	11.70832
62	49.920	32.5624	34.37341	36.05908	36.25207	0.0843	3.435361	3.4564	11.91286
63	49.920	32.5624	31.35088	36.05908	32.9527	0.2354	3.548075	3.6069	12.21385
64	49.920	32.5624	28.13781	36.05908	29.34457	0.3961	3.704235	3.8033	12.6065
65	49.920	32.5624	25.71862	36.05908	26.51631	0.5170	3.861008	3.9903	12.98053
66	49.920	32.5624	23.29277	36.05908	23.50669	0.6383	4.077724	4.2373	13.47461
67	49.920	32.5624	35.61224	36.05908	42.33872	0.0223	3.129514	3.1351	11.2702
68	49.920	32.5624	31.81723	36.05908	38.7741	0.2121	3.218642	3.2717	11.54333
69	49.920	32.5624	28.52512	36.05908	35.70852	0.3767	3.317998	3.4122	11.82435
70	49.920	32.5624	24.95077	36.05908	32.40867	0.5554	3.461684	3.6005	12.20108
71	49.920	32.5624	22.18676	36.05908	29.87194	0.6936	3.613846	3.7872	12.5745
72	49.920	32.5624	19.32248	36.05908	27.23568	0.8368	3.838757	4.0480	13.09593
73	49.920	32.5624	33.89745	36.05908	45.07533	0.1081	2.904041	2.9311	10.86212
74	49.920	32.5624	29.88547	36.05908	41.74504	0.3087	2.969148	3.0463	11.09264
75	49.920	32.5624	26.35313	36.05908	38.91422	0.4853	3.043924	3.1652	11.3305
76	49.920	32.5624	22.43538	36.05908	35.91016	0.6812	3.15686	3.3272	11.65431
77	49.920	32.5624	19.31469	36.05908	33.63853	0.8372	3.283787	3.4931	11.98618
78	49.920	32.5624	15.9425	36.05908	31.32093	1.0058	3.48823	3.7397	12.47937
79	49.920	32.5624	32.86095	36.05908	48.17679	0.1599	2.659559	2.6995	10.39907
80	49.920	32.5624	28.70447	36.05908	45.07623	0.3677	2.69236	2.7843	10.56859
81	49.920	32.5624	25.00585	36.05908	42.46804	0.5527	2.730846	2.8690	10.73802
82	49.920	32.5624	20.83629	36.05908	39.73359	0.7611	2.790941	2.9812	10.96245
83	49.920	32.5624	17.43165	36.05908	37.69308	0.9314	2.861944	3.0948	11.18957
84	49.920	32.5624	13.6003	36.05908	35.64012	1.1229	2.986335	3.2671	11.53414
85	49.920	32.5624	32.56757	36.05908	51.57733	0.1746	2.405017	2.4487	9.897321
86	49.920	32.5624	28.36814	36.05908	48.69378	0.3845	2.400618	2.4968	9.99351
87	49.920	32.5624	24.61904	36.05908	46.28987	0.5720	2.395423	2.5384	10.07685
88	49.920	32.5624	20.37047	36.05908	43.7947	0.7844	2.387224	2.5833	10.16666
89	49.920	32.5624	16.87209	36.05908	41.95219	0.9593	2.377371	2.6172	10.23442
90	49.920	32.5624	12.87529	36.05908	40.11778	1.1592	2.359556	2.6494	10.29871
91	49.920	32.5624	11.37702	36.05908	39.51238	1.2341	2.349649	2.6582	10.31635

92	49.920	32.5624	7.38505	36.05908	38.14019	1.4337	2.303583	2.6620	10.32402
93	49.920	32.5624	5.294122	36.05908	37.57051	1.5382	2.251608	2.6362	10.27234
94	49.920	32.5624	1.950582	36.05908	36.88376	1.7054	1.93109	2.3574	9.714893
95	49.920	32.5624	33.03713	36.05908	55.22173	0.1511	2.151843	2.1896	9.379235
96	49.920	32.5624	28.90599	36.05908	52.53858	0.3577	2.110931	2.2003	9.40069
97	49.920	32.5624	25.23692	36.05908	50.31869	0.5411	2.063114	2.1984	9.396781
98	49.920	32.5624	21.11306	36.05908	48.03326	0.7473	1.988903	2.1757	9.351457
99	49.920	32.5624	17.76154	36.05908	46.35951	0.9149	1.902054	2.1308	9.261546
100	49.920	32.5624	14.02063	36.05908	44.70631	1.1019	1.752462	2.0279	9.055886
101	49.920	32.5624	12.65866	36.05908	44.16386	1.1700	1.673827	1.9663	8.932664
102	49.920	32.5624	9.23818	36.05908	42.94056	1.3410	1.35373	1.6890	8.377983
103	49.920	32.5624	7.67025	36.05908	42.43537	1.4194	1.076816	1.6886	8.377291
104	49.920	32.5624	5.883007	36.05908	41.82858	1.5088	0.353529	1.5972	8.194372
105	49.920	32.5624	34.23824	36.05908	59.06486	0.0910	1.911112	1.9339	8.867744
106	49.920	32.5624	30.27146	36.05908	56.56431	0.2894	1.839627	1.9120	8.823944
107	49.920	32.5624	26.79006	36.05908	54.50861	0.4635	1.758053	1.8739	8.747831
108	49.920	32.5624	22.94703	36.05908	52.40622	0.6556	1.636033	1.7999	8.599866
109	49.920	32.5624	19.90672	36.05908	50.87654	0.8076	1.500767	1.7027	8.405344
110	49.920	32.5624	16.65482	36.05908	49.37482	0.9702	1.287438	1.5300	8.059982
111	49.920	32.5624	15.52567	36.05908	48.88419	1.0267	1.185078	1.4417	7.883492
112	49.920	32.5624	12.88988	36.05908	47.7819	1.1585	0.829932	1.3659	7.731886
113	49.920	32.5624	11.81684	36.05908	47.32842	1.2121	0.585939	1.3586	7.717194
114	49.920	32.5624	10.74313	36.05908	46.78512	1.2658	0.107097	1.2926	7.585144
115	49.920	32.5624	36.09795	36.05908	63.0704	0.0019	1.690918	1.6914	8.382807
116	49.920	32.5624	32.35995	36.05908	60.73499	0.1850	1.597498	1.6437	8.287475
117	49.920	32.5624	29.12924	36.05908	58.82522	0.3465	1.494126	1.5807	8.161499
118	49.920	32.5624	25.63925	36.05908	56.8826	0.5210	1.346162	1.4764	7.952821
119	49.920	32.5624	22.95828	36.05908	55.47649	0.6550	1.191534	1.3553	7.710588
120	49.920	32.5624	20.20367	36.05908	54.10259	0.7928	0.966926	1.1651	7.330238
121	49.920	32.5624	19.28345	36.05908	53.65522	0.8388	0.866888	1.0766	7.153166
122	49.920	32.5624	17.23235	36.05908	52.6529	0.9413	0.552446	1.0794	7.158896
123	49.920	32.5624	16.44514	36.05908	52.24172	0.9807	0.359588	1.0706	7.141188
124	49.920	32.5624	15.69139	36.05908	51.75003	1.0184	0.014993	1.0221	7.044266
125	49.920	32.5624	38.52099	36.05908	67.20933	0.1231	1.495325	1.5261	8.052198
126	49.920	32.5624	35.04242	36.05908	65.02274	0.0508	1.388523	1.4012	7.802462
127	49.920	32.5624	32.08298	36.05908	63.24258	0.1988	1.274022	1.3237	7.647446
128	49.920	32.5624	28.95127	36.05908	61.43979	0.3554	1.116843	1.2057	7.41138
129	49.920	32.5624	26.60615	36.05908	60.14032	0.4726	0.960754	1.0789	7.157832
130	49.920	32.5624	24.26918	36.05908	58.87536	0.5895	0.747695	0.8951	6.790138
131	49.920	32.5624	23.50865	36.05908	58.46452	0.6275	0.657471	0.8144	6.628702
132	49.920	32.5624	21.8577	36.05908	57.54603	0.7101	0.389302	0.8074	6.614789
133	49.920	32.5624	21.24259	36.05908	57.17005	0.7408	0.233941	0.7993	6.59862
134	49.920	32.5624	20.66458	36.05908	56.72111	0.7697	0.032871	0.7779	6.555886
135	49.920	32.5624	41.4086	36.05908	71.45846	0.2675	1.324911	1.3918	7.783561
136	49.920	32.5624	38.19393	36.05908	69.40587	0.1067	1.211599	1.2383	7.476569
137	49.920	32.5624	35.4982	36.05908	67.741	0.0280	1.09358	1.1006	7.201182

138	49.920	32.5624	32.69528	36.05908	66.06108	0.1682	0.937232	0.9793	6.958559
139	49.920	32.5624	30.63809	36.05908	64.85427	0.2710	0.788066	0.8558	6.711656
140	49.920	32.5624	28.63212	36.05908	63.68301	0.3713	0.593224	0.6861	6.372122
141	49.920	32.5624	27.99038	36.05908	63.30338	0.4034	0.513396	0.6143	6.22851
142	49.920	32.5624	26.61886	36.05908	62.4561	0.4720	0.283785	0.5430	6.085914
143	49.920	32.5624	26.11614	36.05908	62.10985	0.4971	0.154867	0.5359	6.071728
144	49.920	32.5624	25.64819	36.05908	61.69685	0.5205	0.062152	0.5361	6.072165
145	49.920	32.5624	43.32516	36.05908	74.05166	0.3633	1.23416	1.3250	7.649972
146	49.920	32.5624	40.2638	36.05908	72.07296	0.2102	1.119383	1.1719	7.343884
147	49.920	32.5624	37.7163	36.05908	70.47113	0.0829	1.001665	1.0224	7.04476
148	49.920	32.5624	35.091	36.05908	68.85785	0.0484	0.848496	0.8606	6.721193
149	49.920	32.5624	33.18267	36.05908	67.70092	0.1438	0.705143	0.7411	6.482197
150	49.920	32.5624	31.34	36.05908	66.57976	0.2360	0.521569	0.5806	6.161114
151	49.920	32.5624	30.75482	36.05908	66.21674	0.2652	0.447417	0.5137	6.027441
152	49.920	32.5624	29.51205	36.05908	65.4072	0.3274	0.236943	0.3866	5.773175
153	49.920	32.5624	29.05942	36.05908	65.07665	0.3500	0.120213	0.3800	5.760073
154	49.920	32.5624	28.63961	36.05908	64.6826	0.3710	0.074822	0.3897	5.779359
155	49.920	32.5624	39.25465	36.05908	72.30533	0.1598	0.9462	0.9861	6.97229
156	49.920	32.5624	36.73944	36.05908	70.73389	0.0340	0.7958	0.8043	6.608609
157	49.920	32.5624	34.9213	36.05908	69.60815	0.0569	0.656595	0.6708	6.341634
158	49.920	32.5624	33.17534	36.05908	68.5182	0.1442	0.480297	0.5163	6.032688
159	49.920	32.5624	32.6231	36.05908	68.16551	0.1718	0.409637	0.4526	5.905174
160	49.920	32.5624	31.45424	36.05908	67.37939	0.2302	0.210486	0.2829	5.565728
161	49.920	32.5624	31.02995	36.05908	67.05856	0.2515	0.100745	0.2766	5.553286
162	49.920	32.5624	30.63715	36.05908	66.67623	0.2711	0.081901	0.2916	5.583144
163	49.920	32.5624	43.26352	36.05908	76.92385	0.3602	0.825325	0.9154	6.830761
164	49.920	32.5624	40.99501	36.05908	75.44867	0.2468	0.683052	0.7448	6.489502
165	49.920	32.5624	39.37388	36.05908	74.3943	0.1657	0.554335	0.5958	6.19154
166	49.920	32.5624	37.83396	36.05908	73.37549	0.0887	0.394864	0.4170	5.834099
167	49.920	32.5624	37.35066	36.05908	73.04625	0.0646	0.331902	0.3480	5.696094
168	49.920	32.5624	36.3342	36.05908	72.31321	0.0138	0.156794	0.1602	5.320466
169	49.920	32.5624	35.96752	36.05908	72.01437	0.0046	0.061451	0.0626	5.12519
170	49.920	32.5624	47.4609	36.05908	81.58735	0.5701	0.725378	0.8679	6.735801
171	49.920	32.5624	45.4026	36.05908	80.198	0.4672	0.59184	0.7086	6.417269
172	49.920	32.5624	43.94437	36.05908	79.20688	0.3943	0.473091	0.5717	6.143315
173	49.920	32.5624	42.5701	36.05908	78.25075	0.3256	0.328296	0.4097	5.819368
174	49.920	32.5624	42.14115	36.05908	77.94211	0.3041	0.271734	0.3720	5.744074
175	49.920	32.5624	41.24293	36.05908	77.25554	0.2592	0.115849	0.2882	5.576309
176	49.920	32.5624	40.92026	36.05908	76.97589	0.2431	0.031655	0.2510	5.501945
177	49.920	32.5624	51.80099	36.05908	86.28855	0.7871	0.641918	0.9476	6.89515
178	49.920	32.5624	49.92195	36.05908	84.9761	0.6931	0.516951	0.8224	6.644763
179	49.920	32.5624	48.59951	36.05908	84.04135	0.6270	0.407279	0.7288	6.457682
180	49.920	32.5624	47.36051	36.05908	83.14083	0.5651	0.275124	0.6339	6.267705
181	49.920	32.5624	46.97533	36.05908	82.85041	0.5458	0.223896	0.6018	6.203573
182	49.920	32.5624	46.17125	36.05908	82.20484	0.5056	0.083628	0.5265	6.053031
183	49.920	32.5624	45.88325	36.05908	81.94208	0.4912	0.008298	0.4933	5.986566

184	49.920	32.5624	56.25075	36.05908	91.0216	1.0096	0.571509	1.1525	7.304921
185	49.920	32.5624	54.52528	36.05908	89.77837	0.9233	0.454599	1.0370	7.073919
186	49.920	32.5624	53.31714	36.05908	88.89413	0.8629	0.35304	0.9512	6.902326
187	49.920	32.5624	52.19026	36.05908	88.04326	0.8066	0.231755	0.8645	6.728995
188	49.920	32.5624	51.84097	36.05908	87.76906	0.7891	0.185012	0.8353	6.670695
189	49.920	32.5624	60.78612	36.05908	95.78179	1.2364	0.511511	1.3642	7.728459
190	49.920	32.5624	59.193	36.05908	94.60113	1.1567	0.402016	1.2572	7.514399
191	49.920	32.5624	58.08203	36.05908	93.76238	1.1011	0.307659	1.1781	7.356124
192	49.920	32.5624	57.04935	36.05908	92.95609	1.0495	0.195753	1.0985	7.196903
193	49.920	32.5624	56.72999	36.05908	92.69642	1.0335	0.152814	1.0717	7.143498
194	49.920	32.5624	65.38928	36.05908	100.5652	1.4665	0.459902	1.5815	8.16297
195	49.920	32.5624	63.911	36.05908	99.4414	1.3926	0.357157	1.4819	7.96377
196	49.920	32.5624	62.88344	36.05908	98.64382	1.3412	0.269183	1.4085	7.817028
197	49.920	32.5624	61.93087	36.05908	97.87774	1.2936	0.165414	1.3349	7.669886
198	49.920	32.5624	61.63681	36.05908	97.63117	1.2789	0.125734	1.3103	7.62064
Total Waktu Pekerjaan Pengangkutan Besi									1957.516 menit

Task	X	Y	$\rho(D)$	$\rho(S2)$	lj	Ta	T ω	Th	Total T
199	49.920	32.5624	59.60089	40.66218	52.58502	0.9469	3.497413	3.7341	12.96829
200	49.920	32.5624	57.41403	40.66218	48.53936	0.8376	3.599599	3.8090	13.11799
201	49.920	32.5624	55.65714	40.66218	44.9513	0.7497	3.697291	3.8847	13.26946
202	49.920	32.5624	53.91267	40.66218	40.91995	0.6625	3.815231	3.9809	13.46172
203	49.920	32.5624	52.69048	40.66218	37.63607	0.6014	3.917808	4.0682	13.63632
204	49.920	32.5624	51.5499	40.66218	33.93622	0.5444	4.040439	4.1765	13.85307
205	49.920	32.5624	51.19625	40.66218	32.56704	0.5267	4.087732	4.2194	13.93882
206	49.920	32.5624	50.45947	40.66218	28.97927	0.4899	4.216685	4.3392	14.1783
207	49.920	32.5624	50.19609	40.66218	27.14187	0.4767	4.285686	4.4049	14.30972
208	49.920	32.5624	49.95422	40.66218	24.25757	0.4646	4.398584	4.5147	14.52947
209	49.920	32.5624	54.66367	40.66218	51.36206	0.7001	3.397196	3.5722	12.64443
210	49.920	32.5624	52.27066	40.66218	47.21172	0.5804	3.504841	3.6499	12.79989
211	49.920	32.5624	50.33456	40.66218	43.51432	0.4836	3.60921	3.7301	12.96023
212	49.920	32.5624	48.39862	40.66218	39.33598	0.3868	3.737	3.8337	13.16741
213	49.920	32.5624	47.03337	40.66218	35.90752	0.3186	3.849603	3.9292	13.35849
214	49.920	32.5624	45.75198	40.66218	32.00849	0.2545	3.985778	4.0494	13.5988
215	49.920	32.5624	45.35313	40.66218	30.55304	0.2345	4.038687	4.0973	13.69465
216	49.920	32.5624	44.51976	40.66218	26.69597	0.1929	4.183841	4.2321	13.96412
217	49.920	32.5624	44.22101	40.66218	24.68922	0.1779	4.261928	4.3064	14.11283
218	49.920	32.5624	43.94627	40.66218	21.47804	0.1642	4.390083	4.4311	14.36227
219	49.920	32.5624	49.98198	40.66218	50.82639	0.4660	3.278167	3.3947	12.28933
220	49.920	32.5624	47.35296	40.66218	46.6284	0.3345	3.390407	3.4740	12.44808
221	49.920	32.5624	45.20673	40.66218	42.88073	0.2272	3.5012	3.5580	12.61601
222	49.920	32.5624	43.04077	40.66218	38.63392	0.1189	3.639402	3.6691	12.83827
223	49.920	32.5624	41.49963	40.66218	35.13703	0.0419	3.763358	3.7738	13.04765
224	49.920	32.5624	40.04154	40.66218	31.14169	0.0310	3.915697	3.9235	13.34691
225	49.920	32.5624	39.5852	40.66218	29.64371	0.0538	3.975518	3.9890	13.47796

226	49.920	32.5624	38.62759	40.66218	25.65026	0.1017	4.141116	4.1665	13.8331
227	49.920	32.5624	38.28288	40.66218	23.55459	0.1190	4.230908	4.2606	14.0213
228	49.920	32.5624	37.9652	40.66218	20.16351	0.1348	4.378946	4.4127	14.32532
229	49.920	32.5624	45.59785	40.66218	50.99403	0.2468	3.135115	3.1968	11.89362
230	49.920	32.5624	42.69975	40.66218	46.81107	0.1019	3.24997	3.2754	12.05088
231	49.920	32.5624	40.30651	40.66218	43.0793	0.0178	3.365977	3.3704	12.24085
232	49.920	32.5624	37.86124	40.66218	38.8542	0.1400	3.514331	3.5493	12.59869
233	49.920	32.5624	36.09965	40.66218	35.37909	0.2281	3.650718	3.7077	12.9155
234	49.920	32.5624	34.41352	40.66218	31.41454	0.3124	3.822306	3.9004	13.30083
235	49.920	32.5624	33.88147	40.66218	29.93022	0.3390	3.890765	3.9755	13.45105
236	49.920	32.5624	32.75754	40.66218	25.98085	0.3952	4.082921	4.1817	13.86346
237	49.920	32.5624	32.35035	40.66218	23.91417	0.4156	4.188414	4.2923	14.08462
238	49.920	32.5624	31.97377	40.66218	20.58242	0.4344	4.363605	4.4722	14.44442
239	49.920	32.5624	41.61887	40.66218	51.86	0.0478	2.963225	2.9752	11.45037
240	49.920	32.5624	38.4218	40.66218	47.75296	0.1120	3.076782	3.1048	11.70957
241	49.920	32.5624	35.74326	40.66218	44.10096	0.2459	3.19484	3.2563	12.01265
242	49.920	32.5624	32.96118	40.66218	39.98397	0.3850	3.350904	3.4472	12.39433
243	49.920	32.5624	30.92169	40.66218	36.61624	0.4870	3.499451	3.6212	12.74242
244	49.920	32.5624	28.93539	40.66218	32.80156	0.5863	3.693008	3.8396	13.17919
245	49.920	32.5624	28.30053	40.66218	31.38291	0.6181	3.772168	3.9267	13.35338
246	49.920	32.5624	26.9448	40.66218	27.64188	0.6859	3.999475	4.1709	13.84189
247	49.920	32.5624	26.44827	40.66218	25.70907	0.7107	4.126898	4.3046	14.10914
248	49.920	32.5624	25.98631	40.66218	22.64298	0.7338	4.341191	4.5246	14.54928
249	49.920	32.5624	40.70162	40.66218	52.18215	0.0020	2.915161	2.9157	11.33131
250	49.920	32.5624	37.42628	40.66218	48.10262	0.1618	3.027465	3.0679	11.63583
251	49.920	32.5624	34.67092	40.66218	44.47934	0.2996	3.145182	3.2201	11.94014
252	49.920	32.5624	31.79514	40.66218	40.40093	0.4434	3.302323	3.4132	12.32632
253	49.920	32.5624	29.67562	40.66218	37.07109	0.5493	3.453506	3.5908	12.68168
254	49.920	32.5624	27.59979	40.66218	33.30855	0.6531	3.65274	3.8160	13.13204
255	49.920	32.5624	26.93347	40.66218	31.91245	0.6864	3.734899	3.9065	13.31302
256	49.920	32.5624	25.50518	40.66218	28.24165	0.7579	3.972692	4.1622	13.82431
257	49.920	32.5624	24.98005	40.66218	26.35287	0.7841	4.106985	4.3030	14.10602
258	49.920	32.5624	24.4904	40.66218	23.37139	0.8086	4.333876	4.5360	14.57205
259	49.920	32.5624	37.91341	40.66218	53.54625	0.1374	2.738988	2.7733	11.0467
260	49.920	32.5624	34.37341	40.66218	49.57909	0.3144	2.84337	2.9220	11.34396
261	49.920	32.5624	31.35088	40.66218	46.07207	0.4656	2.956084	3.0725	11.64495
262	49.920	32.5624	28.13781	40.66218	42.14806	0.6262	3.112244	3.2688	12.0376
263	49.920	32.5624	25.71862	40.66218	38.96781	0.7472	3.269017	3.4558	12.41162
264	49.920	32.5624	23.29277	40.66218	35.40739	0.8685	3.485733	3.7029	12.9057
265	49.920	32.5624	35.61224	40.66218	55.33014	0.2525	2.537522	2.6006	10.70129
266	49.920	32.5624	31.81723	40.66218	51.50058	0.4422	2.62665	2.7372	10.97442
267	49.920	32.5624	28.52512	40.66218	48.13377	0.6069	2.726007	2.8777	11.25544
268	49.920	32.5624	24.95077	40.66218	44.39237	0.7856	2.869693	3.0661	11.63217
269	49.920	32.5624	22.18676	40.66218	41.38495	0.9238	3.021855	3.2528	12.0056
270	49.920	32.5624	19.32248	40.66218	38.05138	1.0670	3.246766	3.5135	12.52702
271	49.920	32.5624	33.89745	40.66218	57.49477	0.3382	2.31205	2.3966	10.29322

272	49.920	32.5624	29.88547	40.66218	53.81946	0.5388	2.377157	2.5119	10.52373
273	49.920	32.5624	26.35313	40.66218	50.60715	0.7155	2.451933	2.6308	10.76159
274	49.920	32.5624	22.43538	40.66218	47.0628	0.9113	2.564869	2.7927	11.08541
275	49.920	32.5624	19.31469	40.66218	44.23729	1.0674	2.691796	2.9586	11.41728
276	49.920	32.5624	15.9425	40.66218	41.13552	1.2360	2.896239	3.2052	11.91047
277	49.920	32.5624	32.86095	40.66218	59.99894	0.3901	2.067568	2.1651	9.830166
278	49.920	32.5624	28.70447	40.66218	56.4868	0.5979	2.100369	2.2498	9.999681
279	49.920	32.5624	25.00585	40.66218	53.43508	0.7828	2.138855	2.3346	10.16912
280	49.920	32.5624	20.83629	40.66218	50.09123	0.9913	2.19895	2.4468	10.39355
281	49.920	32.5624	17.43165	40.66218	47.44641	1.1615	2.269953	2.5603	10.62067
282	49.920	32.5624	13.6003	40.66218	44.56855	1.3531	2.394344	2.7326	10.96523
283	49.920	32.5624	32.56757	40.66218	62.80204	0.4047	1.813026	1.9142	9.328417
284	49.920	32.5624	28.36814	40.66218	59.45572	0.6147	1.808627	1.9623	9.424605
285	49.920	32.5624	24.61904	40.66218	56.5644	0.8022	1.803432	2.0040	9.507943
286	49.920	32.5624	20.37047	40.66218	53.4168	1.0146	1.795233	2.0489	9.597759
287	49.920	32.5624	16.87209	40.66218	50.94493	1.1895	1.78538	2.0828	9.665513
288	49.920	32.5624	12.87529	40.66218	48.27607	1.3893	1.767565	2.1149	9.729803
289	49.920	32.5624	11.37702	40.66218	47.32361	1.4643	1.757658	2.1237	9.747445
290	49.920	32.5624	7.38505	40.66218	44.93006	1.6639	1.711592	2.1276	9.755111
291	49.920	32.5624	5.294122	40.66218	43.76749	1.7684	1.659617	2.1833	9.866614
292	49.920	32.5624	1.950582	40.66218	42.03977	1.9356	1.339099	2.2704	10.04071
293	49.920	32.5624	33.03713	40.66218	65.86593	0.3813	1.559852	1.6552	8.81033
294	49.920	32.5624	28.90599	40.66218	62.68338	0.5878	1.51894	1.6659	8.831785
295	49.920	32.5624	25.23692	40.66218	59.94794	0.7713	1.471123	1.6639	8.827877
296	49.920	32.5624	21.11306	40.66218	56.98753	0.9775	1.396912	1.6413	8.782552
297	49.920	32.5624	17.76154	40.66218	54.67733	1.1450	1.310062	1.5963	8.692641
298	49.920	32.5624	14.02063	40.66218	52.19965	1.3321	1.160471	1.6222	8.74439
299	49.920	32.5624	12.65866	40.66218	51.32006	1.4002	1.081836	1.6706	8.84127
300	49.920	32.5624	9.23818	40.66218	49.12163	1.5712	0.761739	1.7616	9.02327
301	49.920	32.5624	7.67025	40.66218	48.06056	1.6496	0.484825	1.7708	9.041606
302	49.920	32.5624	5.883007	40.66218	46.49264	1.7390	0.238462	1.7986	9.097148
303	49.920	32.5624	34.23824	40.66218	69.15594	0.3212	1.31912	1.3994	8.29884
304	49.920	32.5624	30.27146	40.66218	66.13191	0.5195	1.247636	1.3775	8.25504
305	49.920	32.5624	26.79006	40.66218	63.5451	0.6936	1.166062	1.3395	8.178926
306	49.920	32.5624	22.94703	40.66218	60.76021	0.8858	1.044041	1.2655	8.030962
307	49.920	32.5624	19.90672	40.66218	58.59892	1.0378	0.908776	1.2650	8.029935
308	49.920	32.5624	16.65482	40.66218	56.29411	1.2004	0.695447	1.3742	8.248459
309	49.920	32.5624	15.52567	40.66218	55.47948	1.2568	0.593087	1.4051	8.310194
310	49.920	32.5624	12.88988	40.66218	53.4524	1.3886	0.237941	1.4481	8.396201
311	49.920	32.5624	11.81684	40.66218	52.47896	1.4423	0.006052	1.4438	8.38756
312	49.920	32.5624	10.74313	40.66218	51.04694	1.4960	0.484895	1.6172	8.734353
313	49.920	32.5624	36.09795	40.66218	72.64137	0.2282	1.098927	1.1560	7.811959
314	49.920	32.5624	32.35995	40.66218	69.76858	0.4151	1.005507	1.1093	7.71857
315	49.920	32.5624	29.12924	40.66218	67.32164	0.5766	0.902135	1.0463	7.592594
316	49.920	32.5624	25.63925	40.66218	64.69951	0.7511	0.754171	0.9420	7.383916
317	49.920	32.5624	22.95828	40.66218	62.67422	0.8852	0.599543	1.0351	7.570162

318	49.920	32.5624	20.20367	40.66218	60.5248	1.0229	0.374935	1.1167	7.733319
319	49.920	32.5624	19.28345	40.66218	59.76785	1.0689	0.274896	1.1377	7.775321
320	49.920	32.5624	17.23235	40.66218	57.89113	1.1715	0.039545	1.1814	7.862756
321	49.920	32.5624	16.44514	40.66218	56.99356	1.2109	0.232403	1.2690	8.037905
322	49.920	32.5624	15.69139	40.66218	55.67777	1.2485	0.576998	1.3928	8.285578
323	49.920	32.5624	38.52099	40.66218	76.29543	0.1071	0.903334	0.9301	7.360197
324	49.920	32.5624	35.04242	40.66218	73.56547	0.2810	0.796532	0.8668	7.233557
325	49.920	32.5624	32.08298	40.66218	71.24905	0.4290	0.682031	0.7893	7.078542
326	49.920	32.5624	28.95127	40.66218	68.77682	0.5855	0.524851	0.7168	6.933517
327	49.920	32.5624	26.60615	40.66218	66.87512	0.7028	0.368763	0.7950	7.089984
328	49.920	32.5624	24.26918	40.66218	64.86506	0.8197	0.155704	0.8586	7.217152
329	49.920	32.5624	23.50865	40.66218	64.15933	0.8577	0.065479	0.8740	7.248093
330	49.920	32.5624	21.8577	40.66218	62.4148	0.9402	0.202689	0.9909	7.481793
331	49.920	32.5624	21.24259	40.66218	61.58319	0.9710	0.35805	1.0605	7.620984
332	49.920	32.5624	20.66458	40.66218	60.36752	0.9999	0.624862	1.1561	7.812192
333	49.920	32.5624	41.4086	40.66218	80.09505	0.0373	0.73292	0.7423	6.984501
334	49.920	32.5624	38.19393	40.66218	77.49905	0.1234	0.619608	0.6505	6.800922
335	49.920	32.5624	35.4982	40.66218	75.30373	0.2582	0.501589	0.5661	6.632278
336	49.920	32.5624	32.69528	40.66218	72.969	0.3983	0.345241	0.4847	6.469311
337	49.920	32.5624	30.63809	40.66218	71.17939	0.5012	0.196074	0.5502	6.600447
338	49.920	32.5624	28.63212	40.66218	69.2943	0.6015	0.001233	0.6018	6.703623
339	49.920	32.5624	27.99038	40.66218	68.63413	0.6336	0.078595	0.6532	6.806477
340	49.920	32.5624	26.61886	40.66218	67.0062	0.7022	0.308206	0.7792	7.058435
341	49.920	32.5624	26.11614	40.66218	66.23227	0.7273	0.437124	0.8366	7.173166
342	49.920	32.5624	25.64819	40.66218	65.10347	0.7507	0.654143	0.9142	7.328471
343	49.920	32.5624	43.32516	40.66218	82.43516	0.1331	0.642169	0.6755	6.850912
344	49.920	32.5624	40.2638	40.66218	79.91522	0.0199	0.527392	0.5324	6.564744
345	49.920	32.5624	37.7163	40.66218	77.78812	0.1473	0.409674	0.4465	6.392994
346	49.920	32.5624	35.091	40.66218	75.53022	0.2786	0.256505	0.3427	6.18537
347	49.920	32.5624	33.18267	40.66218	73.80275	0.3740	0.113152	0.4023	6.304527
348	49.920	32.5624	31.34	40.66218	71.98638	0.4661	0.070423	0.4837	6.46743
349	49.920	32.5624	30.75482	40.66218	71.35113	0.4954	0.144574	0.5315	6.563023
350	49.920	32.5624	29.51205	40.66218	69.78661	0.5575	0.355048	0.6463	6.792537
351	49.920	32.5624	29.05942	40.66218	69.04385	0.5801	0.471778	0.6981	6.896165
352	49.920	32.5624	28.63961	40.66218	67.96177	0.6011	0.666813	0.8171	7.13419
353	49.920	32.5624	39.25465	40.66218	79.46619	0.0704	0.354209	0.3718	6.243607
354	49.920	32.5624	36.73944	40.66218	77.25735	0.1961	0.203809	0.2528	6.005687
355	49.920	32.5624	34.9213	40.66218	75.56937	0.2870	0.064604	0.3032	6.10639
356	49.920	32.5624	33.17534	40.66218	73.7965	0.3743	0.111694	0.4023	6.304531
357	49.920	32.5624	32.6231	40.66218	73.17697	0.4020	0.182354	0.4475	6.395085
358	49.920	32.5624	31.45424	40.66218	71.65232	0.4604	0.381505	0.5558	6.611547
359	49.920	32.5624	31.02995	40.66218	70.9291	0.4816	0.491246	0.6116	6.723297
360	49.920	32.5624	30.63715	40.66218	69.87622	0.5013	0.673893	0.7992	7.098411
361	49.920	32.5624	43.26352	40.66218	83.72037	0.1301	0.233334	0.2659	6.031702
362	49.920	32.5624	40.99501	40.66218	81.62673	0.0166	0.091061	0.0952	5.690442
363	49.920	32.5624	39.37388	40.66218	80.03096	0.0644	0.037656	0.0738	5.647658

364	49.920	32.5624	37.83396	40.66218	78.35909	0.1414	0.197127	0.2325	5.96496
365	49.920	32.5624	37.35066	40.66218	77.77591	0.1656	0.260089	0.3015	6.102966
366	49.920	32.5624	36.3342	40.66218	76.34316	0.2164	0.435197	0.4893	6.478593
367	49.920	32.5624	35.96752	40.66218	75.6648	0.2347	0.53054	0.5892	6.678447
368	49.920	32.5624	47.4609	40.66218	88.05296	0.3399	0.133387	0.3733	6.246565
369	49.920	32.5624	45.4026	40.66218	86.06478	0.2370	0.000151	0.2371	5.974117
370	49.920	32.5624	43.94437	40.66218	84.55281	0.1641	0.1189	0.1938	5.887668
371	49.920	32.5624	42.5701	40.66218	82.97211	0.0954	0.263695	0.2875	6.075088
372	49.920	32.5624	42.14115	40.66218	82.42158	0.0739	0.320258	0.3387	6.177489
373	49.920	32.5624	41.24293	40.66218	81.07097	0.0290	0.476142	0.4834	6.466803
374	49.920	32.5624	40.92026	40.66218	80.43249	0.0129	0.560337	0.5636	6.627125
375	49.920	32.5624	51.80099	40.66218	92.45295	0.5569	0.049927	0.5694	6.638844
376	49.920	32.5624	49.92195	40.66218	90.56142	0.4630	0.07504	0.4817	6.463497
377	49.920	32.5624	48.59951	40.66218	89.12576	0.3969	0.184712	0.4430	6.386089
378	49.920	32.5624	47.36051	40.66218	87.62759	0.3349	0.316867	0.4141	6.328267
379	49.920	32.5624	46.97533	40.66218	87.10649	0.3157	0.368095	0.4470	6.394018
380	49.920	32.5624	46.17125	40.66218	85.82964	0.2755	0.508363	0.5772	6.654452
381	49.920	32.5624	45.88325	40.66218	85.22681	0.2611	0.583693	0.6490	6.797913
382	49.920	32.5624	56.25075	40.66218	96.91115	0.7794	0.020483	0.7845	7.069099
383	49.920	32.5624	54.52528	40.66218	95.10833	0.6932	0.137392	0.7275	6.955006
384	49.920	32.5624	53.31714	40.66218	93.74234	0.6327	0.238951	0.6925	6.884971
385	49.920	32.5624	52.19026	40.66218	92.31912	0.5764	0.360236	0.6665	6.832926
386	49.920	32.5624	51.84097	40.66218	91.82464	0.5589	0.406979	0.6607	6.821369
387	49.920	32.5624	60.78612	40.66218	101.4199	1.0062	0.08048	1.0263	7.552634
388	49.920	32.5624	59.193	40.66218	99.69864	0.9265	0.189976	0.9740	7.44807
389	49.920	32.5624	58.08203	40.66218	98.39639	0.8710	0.284332	0.9421	7.384151
390	49.920	32.5624	57.04935	40.66218	97.04145	0.8194	0.396238	0.9184	7.336836
391	49.920	32.5624	56.72999	40.66218	96.57116	0.8034	0.439177	0.9132	7.326369
392	49.920	32.5624	65.38928	40.66218	105.9727	1.2364	0.132089	1.2694	8.038754
393	49.920	32.5624	63.911	40.66218	104.3266	1.1624	0.234835	1.2211	7.942299
394	49.920	32.5624	62.88344	40.66218	103.0828	1.1111	0.322808	1.1918	7.88353
395	49.920	32.5624	61.93087	40.66218	101.7903	1.0634	0.426577	1.1701	7.840158
396	49.920	32.5624	61.63681	40.66218	101.3421	1.0487	0.466257	1.1653	7.830591
Total Waktu Pekerjaan Pengangkutan <i>Scaffolding</i>									1909.809 menit

Task	X	Y	$\rho(D)$	$\rho(S3)$	lj	Ta	Tw	Th	Total T
397	49.920	32.5624	59.60089	24.70314	60.71929	1.7449	2.888411	3.3246	15.14927
398	49.920	32.5624	57.41403	24.70314	57.25143	1.6355	2.990597	3.3995	15.29897
399	49.920	32.5624	55.65714	24.70314	54.24282	1.5477	3.088289	3.4752	15.45043
400	49.920	32.5624	53.91267	24.70314	50.95209	1.4605	3.206229	3.5713	15.6427
401	49.920	32.5624	52.69048	24.70314	48.35446	1.3994	3.308806	3.6586	15.8173
402	49.920	32.5624	51.5499	24.70314	45.53411	1.3423	3.431437	3.7670	16.03404
403	49.920	32.5624	51.19625	24.70314	44.52306	1.3247	3.47873	3.8099	16.11979
404	49.920	32.5624	50.45947	24.70314	41.97019	1.2878	3.607683	3.9296	16.35928
405	49.920	32.5624	50.19609	24.70314	40.72326	1.2746	3.676684	3.9953	16.49069

406	49.920	32.5624	49.95422	24.70314	38.86051	1.2626	3.789582	4.1052	16.71044
407	49.920	32.5624	54.66367	24.70314	57.64584	1.4980	2.788194	3.1627	14.8254
408	49.920	32.5624	52.27066	24.70314	53.9809	1.3784	2.895839	3.2404	14.98087
409	49.920	32.5624	50.33456	24.70314	50.77888	1.2816	3.000208	3.3206	15.1412
410	49.920	32.5624	48.39862	24.70314	47.2475	1.1848	3.127998	3.4242	15.34838
411	49.920	32.5624	47.03337	24.70314	44.43382	1.1165	3.240601	3.5197	15.53946
412	49.920	32.5624	45.75198	24.70314	41.34689	1.0524	3.376776	3.6399	15.77977
413	49.920	32.5624	45.35313	24.70314	40.23075	1.0325	3.429685	3.6878	15.87562
414	49.920	32.5624	44.51976	24.70314	37.38593	0.9908	3.574839	3.8225	16.14509
415	49.920	32.5624	44.22101	24.70314	35.98048	0.9759	3.652926	3.8969	16.2938
416	49.920	32.5624	43.94627	24.70314	33.85779	0.9622	3.781081	4.0216	16.54324
417	49.920	32.5624	49.98198	24.70314	55.06939	1.2639	2.669164	2.9851	14.4703
418	49.920	32.5624	47.35296	24.70314	51.22043	1.1325	2.781405	3.0645	14.62906
419	49.920	32.5624	45.20673	24.70314	47.83398	1.0252	2.892198	3.1485	14.79699
420	49.920	32.5624	43.04077	24.70314	44.06723	0.9169	3.0304	3.2596	15.01924
421	49.920	32.5624	41.49963	24.70314	41.03607	0.8398	3.154356	3.3643	15.22862
422	49.920	32.5624	40.04154	24.70314	37.67174	0.7669	3.306695	3.4984	15.49685
423	49.920	32.5624	39.5852	24.70314	36.44322	0.7441	3.366516	3.5525	15.60508
424	49.920	32.5624	38.62759	24.70314	33.27616	0.6962	3.532114	3.7062	15.91234
425	49.920	32.5624	38.28288	24.70314	31.68895	0.6790	3.621906	3.7917	16.08331
426	49.920	32.5624	37.9652	24.70314	29.25654	0.6631	3.769943	3.9357	16.37144
427	49.920	32.5624	45.59785	24.70314	53.04282	1.0447	2.526113	2.7873	14.07459
428	49.920	32.5624	42.69975	24.70314	49.03504	0.8998	2.640968	2.8659	14.23185
429	49.920	32.5624	40.30651	24.70314	45.48617	0.7802	2.756975	2.9520	14.40404
430	49.920	32.5624	37.86124	24.70314	41.50691	0.6579	2.905329	3.0698	14.63961
431	49.920	32.5624	36.09965	24.70314	38.27351	0.5698	3.041716	3.1842	14.86834
432	49.920	32.5624	34.41352	24.70314	34.64193	0.4855	3.213304	3.3347	15.16937
433	49.920	32.5624	33.88147	24.70314	33.30182	0.4589	3.281763	3.3965	15.29298
434	49.920	32.5624	32.75754	24.70314	29.80278	0.4027	3.473919	3.5746	15.6492
435	49.920	32.5624	32.35035	24.70314	28.0195	0.3824	3.579412	3.6750	15.85
436	49.920	32.5624	31.97377	24.70314	25.23584	0.3635	3.754603	3.8455	16.19097
437	49.920	32.5624	41.61887	24.70314	51.63762	0.8458	2.354223	2.5657	13.63134
438	49.920	32.5624	38.4218	24.70314	47.51145	0.6859	2.46778	2.6393	13.77853
439	49.920	32.5624	35.74326	24.70314	43.83942	0.5520	2.585838	2.7238	13.94768
440	49.920	32.5624	32.96118	24.70314	39.69542	0.4129	2.741902	2.8451	14.19026
441	49.920	32.5624	30.92169	24.70314	36.30103	0.3109	2.890449	2.9682	14.43636
442	49.920	32.5624	28.93539	24.70314	32.44944	0.2116	3.084006	3.1369	14.77382
443	49.920	32.5624	28.30053	24.70314	31.01474	0.1799	3.163166	3.2081	14.91627
444	49.920	32.5624	26.9448	24.70314	27.2233	0.1121	3.390473	3.4185	15.33699
445	49.920	32.5624	26.44827	24.70314	25.25857	0.0873	3.517896	3.5397	15.57942
446	49.920	32.5624	25.98631	24.70314	22.13031	0.0642	3.732189	3.7482	15.99646
447	49.920	32.5624	40.70162	24.70314	51.38988	0.7999	2.306159	2.5061	13.51228
448	49.920	32.5624	37.42628	24.70314	47.24207	0.6362	2.418463	2.5775	13.65501
449	49.920	32.5624	34.67092	24.70314	43.54734	0.4984	2.53618	2.6608	13.82155
450	49.920	32.5624	31.79514	24.70314	39.37261	0.3546	2.693321	2.7820	14.06394
451	49.920	32.5624	29.67562	24.70314	35.94774	0.2486	2.844504	2.9067	14.31332

452	49.920	32.5624	27.59979	24.70314	32.05373	0.1448	3.043738	3.0799	14.65989
453	49.920	32.5624	26.93347	24.70314	30.60048	0.1115	3.125897	3.1538	14.80755
454	49.920	32.5624	25.50518	24.70314	26.7504	0.0401	3.36369	3.3737	15.24743
455	49.920	32.5624	24.98005	24.70314	24.74815	0.0138	3.497983	3.5014	15.50289
456	49.920	32.5624	24.4904	24.70314	21.54591	0.0106	3.724874	3.7275	15.95507
457	49.920	32.5624	37.91341	24.70314	50.87572	0.6605	2.129986	2.2951	13.09023
458	49.920	32.5624	34.37341	24.70314	46.68225	0.4835	2.234368	2.3552	13.21049
459	49.920	32.5624	31.35088	24.70314	42.93937	0.3324	2.347082	2.4302	13.36036
460	49.920	32.5624	28.13781	24.70314	38.69911	0.1717	2.503242	2.5462	13.59235
461	49.920	32.5624	25.71862	24.70314	35.20879	0.0508	2.660015	2.6727	13.84542
462	49.920	32.5624	23.29277	24.70314	31.22276	0.0705	2.876731	2.8944	14.28872
463	49.920	32.5624	35.61224	24.70314	50.85034	0.5455	1.92852	2.0649	12.62977
464	49.920	32.5624	31.81723	24.70314	46.6546	0.3557	2.017648	2.1066	12.71315
465	49.920	32.5624	28.52512	24.70314	42.90931	0.1911	2.117005	2.1648	12.82956
466	49.920	32.5624	24.95077	24.70314	38.66575	0.0124	2.260691	2.2638	13.02757
467	49.920	32.5624	22.18676	24.70314	35.17212	0.1258	2.412853	2.4443	13.38862
468	49.920	32.5624	19.32248	24.70314	31.1814	0.2690	2.637764	2.7050	13.91004
469	49.920	32.5624	33.89745	24.70314	51.31449	0.4597	1.703048	1.8180	12.13595
470	49.920	32.5624	29.88547	24.70314	47.16005	0.2591	1.768155	1.8329	12.16587
471	49.920	32.5624	26.35313	24.70314	43.45834	0.0825	1.842931	1.8636	12.22711
472	49.920	32.5624	22.43538	24.70314	39.27415	0.1134	1.955867	1.9842	12.46843
473	49.920	32.5624	19.31469	24.70314	35.83988	0.2694	2.082794	2.1501	12.8003
474	49.920	32.5624	15.9425	24.70314	31.93272	0.4380	2.287237	2.3967	13.29349
475	49.920	32.5624	32.86095	24.70314	52.2551	0.4079	1.458566	1.5605	11.62108
476	49.920	32.5624	28.70447	24.70314	48.18184	0.2001	1.491367	1.5414	11.58277
477	49.920	32.5624	25.00585	24.70314	44.56508	0.0151	1.529853	1.5336	11.56727
478	49.920	32.5624	20.83629	24.70314	40.49541	0.1933	1.589948	1.6383	11.77657
479	49.920	32.5624	17.43165	24.70314	37.17413	0.3636	1.660951	1.7518	12.00369
480	49.920	32.5624	13.6003	24.70314	33.42331	0.5551	1.785342	1.9241	12.34825
481	49.920	32.5624	32.56757	24.70314	53.64713	0.3932	1.204024	1.3023	11.10466
482	49.920	32.5624	28.36814	24.70314	49.68811	0.1832	1.199625	1.2454	10.99088
483	49.920	32.5624	24.61904	24.70314	46.18945	0.0042	1.19443	1.1955	10.89096
484	49.920	32.5624	20.37047	24.70314	42.27644	0.2166	1.186231	1.2404	10.98078
485	49.920	32.5624	16.87209	24.70314	39.10672	0.3916	1.176378	1.2743	11.04853
486	49.920	32.5624	12.87529	24.70314	35.56032	0.5914	1.158563	1.3064	11.11282
487	49.920	32.5624	11.37702	24.70314	34.25616	0.6663	1.148656	1.3152	11.13046
488	49.920	32.5624	7.38505	24.70314	30.8655	0.8659	1.10259	1.3191	11.13813
489	49.920	32.5624	5.294122	24.70314	29.14732	0.9705	1.050615	1.2932	11.08645
490	49.920	32.5624	1.950582	24.70314	26.48247	1.1376	0.730097	1.3202	11.1403
491	49.920	32.5624	33.03713	24.70314	55.45659	0.4167	0.95085	1.0550	10.61005
492	49.920	32.5624	28.90599	24.70314	51.63649	0.2101	0.909938	0.9625	10.42495
493	49.920	32.5624	25.23692	24.70314	48.27924	0.0267	0.862121	0.8688	10.23759
494	49.920	32.5624	21.11306	24.70314	44.55015	0.1795	0.78791	0.8328	10.16557
495	49.920	32.5624	17.76154	24.70314	41.55423	0.3471	0.70106	0.7878	10.07566
496	49.920	32.5624	14.02063	24.70314	38.23553	0.5341	0.551469	0.6850	9.870001
497	49.920	32.5624	12.65866	24.70314	37.02571	0.6022	0.472834	0.7204	9.940865

498	49.920	32.5624	9.23818	24.70314	33.91309	0.7732	0.152737	0.8114	10.12286
499	49.920	32.5624	7.67025	24.70314	32.35715	0.8516	0.124177	0.8827	10.26538
500	49.920	32.5624	5.883007	24.70314	29.979	0.9410	0.847464	1.1529	10.80575
501	49.920	32.5624	34.23824	24.70314	57.64419	0.4768	0.710118	0.8293	10.15861
502	49.920	32.5624	30.27146	24.70314	53.97913	0.2784	0.638634	0.7082	9.916475
503	49.920	32.5624	26.79006	24.70314	50.777	0.1043	0.55706	0.5831	9.666292
504	49.920	32.5624	22.94703	24.70314	47.24548	0.0878	0.435039	0.4570	9.413982
505	49.920	32.5624	19.90672	24.70314	44.43167	0.2398	0.299774	0.3597	9.219459
506	49.920	32.5624	16.65482	24.70314	41.34458	0.4024	0.086445	0.4240	9.348054
507	49.920	32.5624	15.52567	24.70314	40.22838	0.4589	0.015915	0.4629	9.425704
508	49.920	32.5624	12.88988	24.70314	37.38338	0.5907	0.371061	0.6834	9.866857
509	49.920	32.5624	11.81684	24.70314	35.97783	0.6443	0.615054	0.7981	10.09616
510	49.920	32.5624	10.74313	24.70314	33.85497	0.6980	1.093897	1.2684	11.03679
511	49.920	32.5624	36.09795	24.70314	60.16869	0.5697	0.489925	0.6922	9.884443
512	49.920	32.5624	32.35995	24.70314	56.66715	0.3828	0.396505	0.4922	9.48443
513	49.920	32.5624	29.12924	24.70314	53.62576	0.2213	0.293133	0.3485	9.196919
514	49.920	32.5624	25.63925	24.70314	50.29467	0.0468	0.145169	0.1569	8.813741
515	49.920	32.5624	22.95828	24.70314	47.66122	0.0872	0.009459	0.0896	8.679216
516	49.920	32.5624	20.20367	24.70314	44.79725	0.2250	0.234067	0.2903	9.080621
517	49.920	32.5624	19.28345	24.70314	43.76919	0.2710	0.334106	0.4019	9.303703
518	49.920	32.5624	17.23235	24.70314	41.1696	0.3735	0.648547	0.7419	9.983864
519	49.920	32.5624	16.44514	24.70314	39.89766	0.4129	0.841405	0.9446	10.38926
520	49.920	32.5624	15.69139	24.70314	37.99445	0.4506	1.186	1.2986	11.09729
521	49.920	32.5624	38.52099	24.70314	62.98961	0.6909	0.294332	0.7645	10.02895
522	49.920	32.5624	35.04242	24.70314	59.65387	0.5170	0.18753	0.5638	9.627693
523	49.920	32.5624	32.08298	24.70314	56.77272	0.3690	0.073029	0.3872	9.274498
524	49.920	32.5624	28.95127	24.70314	53.63742	0.2124	0.084151	0.2334	8.966888
525	49.920	32.5624	26.60615	24.70314	51.17628	0.0952	0.240239	0.2640	9.028053
526	49.920	32.5624	24.26918	24.70314	48.52023	0.0217	0.453298	0.4587	9.417445
527	49.920	32.5624	23.50865	24.70314	47.57269	0.0597	0.543523	0.5585	9.616908
528	49.920	32.5624	21.8577	24.70314	45.19242	0.1423	0.811691	0.8473	10.19452
529	49.920	32.5624	21.24259	24.70314	44.03683	0.1730	0.967052	1.0103	10.52062
530	49.920	32.5624	20.66458	24.70314	42.32018	0.2019	1.233865	1.2843	11.06869
531	49.920	32.5624	41.4086	24.70314	66.06898	0.8353	0.123918	0.8663	10.2325
532	49.920	32.5624	38.19393	24.70314	62.89677	0.6745	0.010606	0.6772	9.854382
533	49.920	32.5624	35.4982	24.70314	60.17109	0.5398	0.107413	0.5666	9.633213
534	49.920	32.5624	32.69528	24.70314	57.2223	0.3996	0.263761	0.4655	9.431094
535	49.920	32.5624	30.63809	24.70314	54.92204	0.2967	0.412928	0.4871	9.474229
536	49.920	32.5624	28.63212	24.70314	52.456	0.1964	0.607769	0.6569	9.813763
537	49.920	32.5624	27.99038	24.70314	51.58081	0.1644	0.687597	0.7287	9.957374
538	49.920	32.5624	26.61886	24.70314	49.39407	0.0958	0.917208	0.9412	10.38231
539	49.920	32.5624	26.11614	24.70314	48.33902	0.0706	1.046126	1.0638	10.62758
540	49.920	32.5624	25.64819	24.70314	46.78051	0.0473	1.263145	1.2750	11.04992
541	49.920	32.5624	43.32516	24.70314	68.02518	0.9311	0.033167	0.9394	10.37879
542	49.920	32.5624	40.2638	24.70314	64.94859	0.7780	0.08161	0.7984	10.09687
543	49.920	32.5624	37.7163	24.70314	62.31273	0.6507	0.199328	0.7005	9.900981

544	49.920	32.5624	35.091	24.70314	59.47023	0.5194	0.352497	0.6075	9.715035
545	49.920	32.5624	33.18267	24.70314	57.26033	0.4240	0.49585	0.6018	9.703688
546	49.920	32.5624	31.34	24.70314	54.89943	0.3318	0.679425	0.7624	10.02477
547	49.920	32.5624	30.75482	24.70314	54.06381	0.3026	0.753576	0.8292	10.15844
548	49.920	32.5624	29.51205	24.70314	51.98163	0.2404	0.96405	1.0242	10.54832
549	49.920	32.5624	29.05942	24.70314	50.98016	0.2178	1.08078	1.1352	10.77047
550	49.920	32.5624	28.63961	24.70314	49.50487	0.1968	1.275815	1.3250	11.15004
551	49.920	32.5624	39.25465	24.70314	63.78072	0.7276	0.254793	0.7913	10.08255
552	49.920	32.5624	36.73944	24.70314	61.00665	0.6018	0.405193	0.7031	9.906226
553	49.920	32.5624	34.9213	24.70314	58.85448	0.5109	0.544398	0.6721	9.844251
554	49.920	32.5624	33.17534	24.70314	56.56015	0.4236	0.720696	0.8266	10.1532
555	49.920	32.5624	32.6231	24.70314	55.74943	0.3960	0.791356	0.8904	10.28071
556	49.920	32.5624	31.45424	24.70314	53.73261	0.3376	0.990507	1.0749	10.64979
557	49.920	32.5624	31.02995	24.70314	52.76438	0.3163	1.100248	1.1793	10.85867
558	49.920	32.5624	30.63715	24.70314	51.34039	0.2967	1.282895	1.3571	11.21414
559	49.920	32.5624	43.26352	24.70314	67.56773	0.9280	0.375668	1.0219	10.54387
560	49.920	32.5624	40.99501	24.70314	64.9556	0.8146	0.517942	0.9441	10.38816
561	49.920	32.5624	39.37388	24.70314	62.93861	0.7335	0.646658	0.8952	10.2904
562	49.920	32.5624	37.83396	24.70314	60.7986	0.6565	0.806129	0.9703	10.44053
563	49.920	32.5624	37.35066	24.70314	60.04513	0.6324	0.869091	1.0272	10.55437
564	49.920	32.5624	36.3342	24.70314	58.17742	0.5816	1.044199	1.1896	10.87917
565	49.920	32.5624	35.96752	24.70314	57.28437	0.5632	1.139542	1.2803	11.06069
566	49.920	32.5624	47.4609	24.70314	71.50397	1.1379	0.475615	1.2568	11.01358
567	49.920	32.5624	45.4026	24.70314	69.04092	1.0350	0.609153	1.1873	10.87452
568	49.920	32.5624	43.94437	24.70314	67.14676	0.9621	0.727902	1.1440	10.78807
569	49.920	32.5624	42.5701	24.70314	65.14514	0.8933	0.872697	1.1115	10.72304
570	49.920	32.5624	42.14115	24.70314	64.44251	0.8719	0.92926	1.1472	10.79447
571	49.920	32.5624	41.24293	24.70314	62.70591	0.8270	1.085144	1.2919	11.08378
572	49.920	32.5624	40.92026	24.70314	61.87825	0.8109	1.169339	1.3721	11.24411
573	49.920	32.5624	51.80099	24.70314	75.56611	1.3549	0.559075	1.4947	11.48932
574	49.920	32.5624	49.92195	24.70314	73.2398	1.2609	0.684042	1.4320	11.3639
575	49.920	32.5624	48.59951	24.70314	71.45702	1.1948	0.793714	1.3932	11.28649
576	49.920	32.5624	47.36051	24.70314	69.57951	1.1329	0.925869	1.3643	11.22867
577	49.920	32.5624	46.97533	24.70314	68.9221	1.1136	0.977097	1.3579	11.21577
578	49.920	32.5624	46.17125	24.70314	67.30119	1.0734	1.117365	1.3857	11.27143
579	49.920	32.5624	45.88325	24.70314	66.53072	1.0590	1.192695	1.4574	11.41489
580	49.920	32.5624	56.25075	24.70314	79.73491	1.5774	0.629485	1.7348	11.9695
581	49.920	32.5624	54.52528	24.70314	77.53378	1.4911	0.746394	1.6777	11.85541
582	49.920	32.5624	53.31714	24.70314	75.852	1.4307	0.847953	1.6427	11.78538
583	49.920	32.5624	52.19026	24.70314	74.08594	1.3744	0.969238	1.6167	11.73333
584	49.920	32.5624	51.84097	24.70314	73.46887	1.3569	1.015981	1.6109	11.72177
585	49.920	32.5624	60.78612	24.70314	83.99449	1.8041	0.689482	1.9765	12.45304
586	49.920	32.5624	59.193	24.70314	81.90791	1.7245	0.798978	1.9242	12.34847
587	49.920	32.5624	58.08203	24.70314	80.31777	1.6689	0.893334	1.8923	12.28456
588	49.920	32.5624	57.04935	24.70314	78.65205	1.6173	1.00524	1.8686	12.23724
589	49.920	32.5624	56.72999	24.70314	78.07108	1.6013	1.048179	1.8634	12.22677

590	49.920	32.5624	65.38928	24.70314	88.33172	2.0343	0.741091	2.2196	12.93916
591	49.920	32.5624	63.911	24.70314	86.35002	1.9604	0.843837	2.1714	12.8427
592	49.920	32.5624	62.88344	24.70314	84.84317	1.9090	0.93181	2.1420	12.78394
593	49.920	32.5624	61.93087	24.70314	83.26803	1.8614	1.035579	2.1203	12.74056
594	49.920	32.5624	61.63681	24.70314	82.71948	1.8467	1.075259	2.1155	12.731
Total Waktu Pekerjaan Pengangkutan Bekisting									1909.809 menit

Total Waktu Semua Pekerjaan Pengangkutan = 5777.134
menit



Task	X	Y	$\rho(D)$	$\rho(S1)$	lj	Ta	T ω	Th	Total T
1	53.639	40.4032	67.15302	39.75068	39.13911	1.3701	4.323124	4.6657	14.33131
2	53.639	40.4032	64.71296	39.75068	35.25242	1.2481	4.409568	4.7216	14.44319
3	53.639	40.4032	62.69216	39.75068	31.84966	1.1471	4.492235	4.7790	14.55801
4	53.639	40.4032	60.60131	39.75068	28.10025	1.0425	4.592299	4.8529	14.70586
5	53.639	40.4032	59.05373	39.75068	25.13235	0.9652	4.679773	4.9211	14.84212
6	53.639	40.4032	57.49543	39.75068	21.93364	0.8872	4.78516	5.0070	15.01394
7	53.639	40.4032	56.9725	39.75068	20.80569	0.8611	4.826101	5.0414	15.08275
8	53.639	40.4032	55.7516	39.75068	18.06439	0.8000	4.938768	5.1388	15.27756
9	53.639	40.4032	55.21593	39.75068	16.82829	0.7733	4.999766	5.1931	15.38616
10	53.639	40.4032	54.50925	39.75068	15.23351	0.7379	5.100817	5.2853	15.5706
11	53.639	40.4032	62.45522	39.75068	37.39955	1.1352	4.226531	4.5103	14.02068
12	53.639	40.4032	59.82385	39.75068	33.3105	1.0037	4.315806	4.5667	14.13344
13	53.639	40.4032	57.63188	39.75068	29.68598	0.8941	4.402179	4.6257	14.25139
14	53.639	40.4032	55.3502	39.75068	25.62188	0.7800	4.508005	4.7030	14.406
15	53.639	40.4032	53.65137	39.75068	22.32692	0.6950	4.601611	4.7754	14.55074
16	53.639	40.4032	51.93121	39.75068	18.65318	0.6090	4.715655	4.8679	14.73582
17	53.639	40.4032	51.35164	39.75068	17.31281	0.5800	4.760308	4.9053	14.81064
18	53.639	40.4032	49.99367	39.75068	13.89888	0.5121	4.884097	5.0121	15.02427
19	53.639	40.4032	49.39559	39.75068	12.2494	0.4822	4.951616	5.0722	15.14436
20	53.639	40.4032	48.60436	39.75068	9.94568	0.4427	5.064113	5.1748	15.34957
21	53.639	40.4032	58.01896	39.75068	36.57858	0.9134	4.115184	4.3435	13.68707
22	53.639	40.4032	55.17643	39.75068	32.38605	0.7713	4.206282	4.3991	13.79821
23	53.639	40.4032	52.79184	39.75068	28.64479	0.6521	4.295667	4.4587	13.91736
24	53.639	40.4032	50.29106	39.75068	24.40793	0.5270	4.40684	4.5386	14.07719
25	53.639	40.4032	48.41502	39.75068	20.92267	0.4332	4.506659	4.6150	14.22993
26	53.639	40.4032	46.50156	39.75068	16.94721	0.3375	4.630068	4.7145	14.42891
27	53.639	40.4032	45.85342	39.75068	15.45962	0.3051	4.678895	4.7552	14.51036
28	53.639	40.4032	44.32733	39.75068	11.5085	0.2288	4.81562	4.8728	14.74566
29	53.639	40.4032	43.65169	39.75068	9.45063	0.1951	4.890963	4.9397	14.87945
30	53.639	40.4032	42.75429	39.75068	6.179253	0.1502	5.017513	5.0551	15.11012
31	53.639	40.4032	53.87518	39.75068	36.72948	0.7062	3.985796	4.1624	13.3247
32	53.639	40.4032	50.80132	39.75068	32.55638	0.5525	4.076996	4.2151	13.43026
33	53.639	40.4032	48.20077	39.75068	28.83722	0.4225	4.168006	4.2736	13.54726
34	53.639	40.4032	45.44806	39.75068	24.63349	0.2849	4.283334	4.3546	13.7091
35	53.639	40.4032	43.36301	39.75068	21.18536	0.1806	4.388896	4.4341	13.8681
36	53.639	40.4032	41.21567	39.75068	17.27048	0.0732	4.521972	4.5403	14.08057
37	53.639	40.4032	40.48299	39.75068	15.81333	0.0366	4.575379	4.5845	14.16907
38	53.639	40.4032	38.74594	39.75068	11.97944	0.0502	4.727061	4.7396	14.47924
39	53.639	40.4032	37.97111	39.75068	10.01878	0.0890	4.81188	4.8341	14.66825
40	53.639	40.4032	36.93596	39.75068	7.017462	0.1407	4.956055	4.9912	14.98248
41	53.639	40.4032	50.10859	39.75068	37.84331	0.5179	3.835931	3.9654	12.93081
42	53.639	40.4032	46.78792	39.75068	33.80798	0.3519	3.92447	4.0124	13.02487
43	53.639	40.4032	43.95054	39.75068	30.24313	0.2100	4.014597	4.0671	13.13419
44	53.639	40.4032	40.91286	39.75068	26.26539	0.0581	4.131447	4.1460	13.29195
45	53.639	40.4032	38.58349	39.75068	23.06255	0.0584	4.241054	4.2556	13.51129

46	53.639	40.4032	36.15338	39.75068	19.5277	0.1799	4.382872	4.4278	13.85568
47	53.639	40.4032	35.31583	39.75068	18.25166	0.2217	4.440918	4.4964	13.99271
48	53.639	40.4032	33.31041	39.75068	15.0522	0.3220	4.609168	4.6897	14.37934
49	53.639	40.4032	32.40588	39.75068	13.54391	0.3672	4.705322	4.7971	14.59426
50	53.639	40.4032	31.18655	39.75068	11.50245	0.4282	4.871785	4.9788	14.95767
51	53.639	40.4032	49.23622	39.75068	38.26397	0.4743	3.794986	3.9136	12.82711
52	53.639	40.4032	45.85241	39.75068	34.2782	0.3051	3.882278	3.9585	12.9171
53	53.639	40.4032	42.95327	39.75068	30.76788	0.1601	3.971615	4.0116	13.0233
54	53.639	40.4032	39.83962	39.75068	26.86793	0.0044	4.088185	4.0893	13.17859
55	53.639	40.4032	37.44355	39.75068	23.74651	0.1154	4.198302	4.2271	13.45428
56	53.639	40.4032	34.93423	39.75068	20.33092	0.2408	4.341888	4.4021	13.80419
57	53.639	40.4032	34.06672	39.75068	19.1086	0.2842	4.401011	4.4721	13.94412
58	53.639	40.4032	31.98308	39.75068	16.08055	0.3884	4.57349	4.6706	14.34117
59	53.639	40.4032	31.03989	39.75068	14.67832	0.4355	4.672753	4.7816	14.56328
60	53.639	40.4032	29.76465	39.75068	12.81881	0.4993	4.845651	4.9705	14.94095
61	53.639	40.4032	46.55983	39.75068	40.04185	0.3405	3.647923	3.7330	12.46608
62	53.639	40.4032	42.96576	39.75068	36.25207	0.1608	3.728925	3.7691	12.53823
63	53.639	40.4032	39.8572	39.75068	32.9527	0.0053	3.813409	3.8147	12.62948
64	53.639	40.4032	36.48025	39.75068	29.34457	0.1635	3.926218	3.9671	12.9342
65	53.639	40.4032	33.8472	39.75068	26.51631	0.2952	4.035614	4.1094	13.21881
66	53.639	40.4032	31.04857	39.75068	23.50669	0.4351	4.182586	4.2914	13.58273
67	53.639	40.4032	44.28805	39.75068	42.33872	0.2269	3.48438	3.5411	12.08219
68	53.639	40.4032	40.49283	39.75068	38.7741	0.0371	3.555205	3.5645	12.12896
69	53.639	40.4032	37.17808	39.75068	35.70852	0.1286	3.630536	3.6627	12.32539
70	53.639	40.4032	33.5324	39.75068	32.40867	0.3109	3.733662	3.8114	12.62278
71	53.639	40.4032	30.64712	39.75068	29.87194	0.4552	3.83669	3.9505	12.90097
72	53.639	40.4032	27.52502	39.75068	27.23568	0.6113	3.980214	4.1330	13.26607
73	53.639	40.4032	42.48581	39.75068	45.07533	0.1368	3.305095	3.3393	11.67857
74	53.639	40.4032	38.51341	39.75068	41.74504	0.0619	3.361316	3.3768	11.75356
75	53.639	40.4032	35.01175	39.75068	38.91422	0.2369	3.422228	3.4815	11.96293
76	53.639	40.4032	31.11326	39.75068	35.91016	0.4319	3.5077	3.6157	12.23134
77	53.639	40.4032	27.97961	39.75068	33.63853	0.5886	3.595784	3.7429	12.48584
78	53.639	40.4032	24.52019	39.75068	31.32093	0.7615	3.723578	3.9140	12.82792
79	53.639	40.4032	41.21477	39.75068	48.17679	0.0732	3.112385	3.1307	11.26137
80	53.639	40.4032	37.10654	39.75068	45.07623	0.1322	3.149642	3.1827	11.36539
81	53.639	40.4032	33.45797	39.75068	42.46804	0.3146	3.190618	3.2693	11.53855
82	53.639	40.4032	29.35384	39.75068	39.73359	0.5198	3.249328	3.3793	11.75858
83	53.639	40.4032	26.00907	39.75068	37.69308	0.6871	3.311529	3.4833	11.9666
84	53.639	40.4032	22.24528	39.75068	35.64012	0.8753	3.405354	3.6242	12.24834
85	53.639	40.4032	40.52493	39.75068	51.57733	0.0387	2.910304	2.9200	10.83997
86	53.639	40.4032	36.3388	39.75068	48.69378	0.1706	2.925225	2.9679	10.93575
87	53.639	40.4032	32.60443	39.75068	46.28987	0.3573	2.941782	3.0311	11.06222
88	53.639	40.4032	28.37711	39.75068	43.7947	0.5687	2.965812	3.1080	11.21596
89	53.639	40.4032	24.9015	39.75068	41.95219	0.7425	2.991724	3.1773	11.35468
90	53.639	40.4032	20.93957	39.75068	40.11778	0.9406	3.031857	3.2670	11.53399
91	53.639	40.4032	19.45782	39.75068	39.51238	1.0146	3.051116	3.3048	11.60955

92	53.639	40.4032	15.52362	39.75068	38.14019	1.2114	3.12041	3.4232	11.8465
93	53.639	40.4032	13.47368	39.75068	37.57051	1.3138	3.172941	3.5014	12.00281
94	53.639	40.4032	10.19802	39.75068	36.88376	1.4776	3.302513	3.6719	12.34384
95	53.639	40.4032	40.44605	39.75068	55.22173	0.0348	2.704364	2.7131	10.42611
96	53.639	40.4032	36.25082	39.75068	52.53858	0.1750	2.695477	2.7392	10.47845
97	53.639	40.4032	32.50633	39.75068	50.31869	0.3622	2.685605	2.7762	10.55232
98	53.639	40.4032	28.26435	39.75068	48.03326	0.5743	2.671255	2.8148	10.62967
99	53.639	40.4032	24.77292	39.75068	46.35951	0.7489	2.655748	2.8430	10.68594
100	53.639	40.4032	20.7865	39.75068	44.70631	0.9482	2.63165	2.8687	10.7374
101	53.639	40.4032	19.29299	39.75068	44.16386	1.0229	2.620047	2.8758	10.75154
102	53.639	40.4032	15.31652	39.75068	42.94056	1.2217	2.578051	2.8835	10.76696
103	53.639	40.4032	13.23454	39.75068	42.43537	1.3258	2.545911	2.8774	10.75473
104	53.639	40.4032	9.879911	39.75068	41.82858	1.4935	2.465215	2.8386	10.6772
105	53.639	40.4032	40.98165	39.75068	59.06486	0.0615	2.50073	2.5161	10.03223
106	53.639	40.4032	36.84745	39.75068	56.56431	0.1452	2.468921	2.5052	10.01042
107	53.639	40.4032	33.17039	39.75068	54.50861	0.3290	2.433833	2.5161	10.03217
108	53.639	40.4032	29.02562	39.75068	52.40622	0.5363	2.383346	2.5174	10.03482
109	53.639	40.4032	25.63807	39.75068	50.87654	0.7056	2.32955	2.5060	10.01192
110	53.639	40.4032	21.81036	39.75068	49.37482	0.8970	2.247717	2.4720	9.943942
111	53.639	40.4032	20.39198	39.75068	48.88419	0.9679	2.209146	2.4511	9.902259
112	53.639	40.4032	16.67959	39.75068	47.7819	1.1536	2.074515	2.3629	9.725808
113	53.639	40.4032	14.79074	39.75068	47.32842	1.2480	1.977118	2.2891	9.578235
114	53.639	40.4032	11.88384	39.75068	46.78512	1.3933	1.755263	2.1036	9.207196
115	53.639	40.4032	42.1083	39.75068	63.0704	0.1179	2.305173	2.3346	9.669286
116	53.639	40.4032	38.09656	39.75068	60.73499	0.0827	2.253404	2.2741	9.548161
117	53.639	40.4032	34.55268	39.75068	58.82522	0.2599	2.197075	2.2621	9.524101
118	53.639	40.4032	30.59575	39.75068	56.8826	0.4577	2.117571	2.2320	9.464015
119	53.639	40.4032	27.40299	39.75068	55.47649	0.6174	2.035009	2.1894	9.37871
120	53.639	40.4032	23.86011	39.75068	54.10259	0.7945	1.913965	2.1126	9.225195
121	53.639	40.4032	22.5709	39.75068	53.65522	0.8590	1.858893	2.0736	9.147281
122	53.639	40.4032	19.28268	39.75068	52.6529	1.0234	1.676844	1.9327	8.865389
123	53.639	40.4032	17.67425	39.75068	52.24172	1.1038	1.554923	1.8309	8.661757
124	53.639	40.4032	15.32445	39.75068	51.75003	1.2213	1.305835	1.6112	8.222327
125	53.639	40.4032	43.78038	39.75068	67.20933	0.2015	2.122169	2.1725	9.34508
126	53.639	40.4032	39.93696	39.75068	65.02274	0.0093	2.054642	2.0570	9.113942
127	53.639	40.4032	36.57186	39.75068	63.24258	0.1589	1.982468	2.0222	9.044406
128	53.639	40.4032	32.85898	39.75068	61.43979	0.3446	1.883022	1.9692	8.938336
129	53.639	40.4032	29.90881	39.75068	60.14032	0.4921	1.782877	1.9059	8.811801
130	53.639	40.4032	26.70052	39.75068	58.87536	0.6525	1.641952	1.8051	8.610159
131	53.639	40.4032	25.55501	39.75068	58.46452	0.7098	1.58016	1.7576	8.515212
132	53.639	40.4032	22.70319	39.75068	57.54603	0.8524	1.385973	1.5991	8.198133
133	53.639	40.4032	21.35397	39.75068	57.17005	0.9198	1.264136	1.4941	7.988189
134	53.639	40.4032	19.45383	39.75068	56.72111	1.0148	1.033396	1.2871	7.574212
135	53.639	40.4032	45.93838	39.75068	71.45846	0.3094	1.954477	2.0318	9.063646
136	53.639	40.4032	42.29153	39.75068	69.40587	0.1270	1.875677	1.9074	8.814875
137	53.639	40.4032	39.12945	39.75068	67.741	0.0311	1.793077	1.8008	8.601685

138	53.639	40.4032	35.68369	39.75068	66.06108	0.2033	1.682093	1.7329	8.465861
139	53.639	40.4032	32.98711	39.75068	64.85427	0.3382	1.573676	1.6582	8.316441
140	53.639	40.4032	30.10865	39.75068	63.68301	0.4821	1.426749	1.5473	8.094549
141	53.639	40.4032	29.09762	39.75068	63.30338	0.5327	1.364351	1.4975	7.995029
142	53.639	40.4032	26.62795	39.75068	62.4561	0.6561	1.17585	1.3399	7.679767
143	53.639	40.4032	25.48735	39.75068	62.10985	0.7132	1.063022	1.2413	7.482628
144	53.639	40.4032	23.91787	39.75068	61.69685	0.7916	0.8593	1.0572	7.114421
145	53.639	40.4032	47.43868	39.75068	74.05166	0.3844	1.861776	1.9579	8.915752
146	53.639	40.4032	43.91659	39.75068	72.07296	0.2083	1.778208	1.8303	8.660565
147	53.639	40.4032	40.8804	39.75068	70.47113	0.0565	1.691626	1.7057	8.411495
148	53.639	40.4032	37.59546	39.75068	68.85785	0.1078	1.576962	1.6039	8.207804
149	53.639	40.4032	35.0463	39.75068	67.70092	0.2352	1.466817	1.5256	8.051243
150	53.639	40.4032	32.35157	39.75068	66.57976	0.3700	1.320459	1.4129	7.825895
151	53.639	40.4032	31.41281	39.75068	66.21674	0.4169	1.25929	1.3635	7.727026
152	53.639	40.4032	29.14002	39.75068	65.4072	0.5305	1.077877	1.2105	7.42102
153	53.639	40.4032	28.10157	39.75068	65.07665	0.5825	0.971551	1.1172	7.234329
154	53.639	40.4032	26.68629	39.75068	64.6826	0.6532	0.783303	0.9466	6.893215
155	53.639	40.4032	42.1275	39.75068	72.30533	0.1188	1.628751	1.6585	8.316922
156	53.639	40.4032	38.9479	39.75068	70.73389	0.0401	1.512695	1.5227	8.045459
157	53.639	40.4032	36.49332	39.75068	69.60815	0.1629	1.402369	1.4431	7.886173
158	53.639	40.4032	33.91377	39.75068	68.5182	0.2918	1.257498	1.3305	7.660919
159	53.639	40.4032	33.01946	39.75068	68.16551	0.3366	1.197517	1.2817	7.563314
160	53.639	40.4032	30.8652	39.75068	67.37939	0.4443	1.02148	1.1325	7.265096
161	53.639	40.4032	29.88675	39.75068	67.05856	0.4932	0.919499	1.0428	7.085596
162	53.639	40.4032	28.56007	39.75068	66.67623	0.5595	0.74083	0.8807	6.761425
163	53.639	40.4032	45.479	39.75068	76.92385	0.2864	1.487426	1.5590	8.11806
164	53.639	40.4032	42.55058	39.75068	75.44867	0.1400	1.370708	1.4057	7.811413
165	53.639	40.4032	40.31595	39.75068	74.3943	0.0283	1.262286	1.2694	7.538703
166	53.639	40.4032	37.9968	39.75068	73.37549	0.0877	1.12347	1.1454	7.290786
167	53.639	40.4032	37.20077	39.75068	73.04625	0.1275	1.067107	1.0990	7.197963
168	53.639	40.4032	35.3026	39.75068	72.31321	0.2224	0.905114	0.9607	6.92143
169	53.639	40.4032	34.45041	39.75068	72.01437	0.2650	0.813376	0.8796	6.759258
170	53.639	40.4032	49.11163	39.75068	81.58735	0.4680	1.366238	1.4832	7.966499
171	53.639	40.4032	46.41298	39.75068	80.198	0.3331	1.2516	1.3349	7.669758
172	53.639	40.4032	44.37329	39.75068	79.20688	0.2311	1.147122	1.2049	7.40981
173	53.639	40.4032	42.27729	39.75068	78.25075	0.1263	1.015997	1.0476	7.095159
174	53.639	40.4032	41.56333	39.75068	77.94211	0.0906	0.963544	0.9862	6.972405
175	53.639	40.4032	39.87338	39.75068	77.25554	0.0061	0.815067	0.8166	6.633202
176	53.639	40.4032	39.12089	39.75068	76.97589	0.0315	0.732325	0.7402	6.480395
177	53.639	40.4032	52.96759	39.75068	86.28855	0.6608	1.262207	1.4274	7.854837
178	53.639	40.4032	50.47552	39.75068	84.9761	0.5362	1.151218	1.2853	7.570557
179	53.639	40.4032	48.6066	39.75068	84.04135	0.4428	1.051626	1.1623	7.32465
180	53.639	40.4032	46.70099	39.75068	83.14083	0.3475	0.928575	1.0155	7.030908
181	53.639	40.4032	46.05566	39.75068	82.85041	0.3152	0.879912	0.9587	6.917448
182	53.639	40.4032	44.5365	39.75068	82.20484	0.2393	0.743703	0.8035	6.607051
183	53.639	40.4032	43.86407	39.75068	81.94208	0.2057	0.668678	0.7201	6.440191

184	53.639	40.4032	57.00157	39.75068	91.0216	0.8625	1.172591	1.3882	7.776454
185	53.639	40.4032	54.69361	39.75068	89.77837	0.7471	1.066048	1.2528	7.505669
186	53.639	40.4032	52.97372	39.75068	88.89413	0.6612	0.971647	1.1369	7.273869
187	53.639	40.4032	51.23081	39.75068	88.04326	0.5740	0.856443	0.9999	6.999889
188	53.639	40.4032	50.64323	39.75068	87.76906	0.5446	0.811283	0.9474	6.894879
189	53.639	40.4032	61.17836	39.75068	95.78179	1.0714	1.095012	1.3629	7.725715
190	53.639	40.4032	59.03392	39.75068	94.60113	0.9642	0.993234	1.2343	7.46855
191	53.639	40.4032	57.44413	39.75068	93.76238	0.8847	0.903979	1.1251	7.250295
192	53.639	40.4032	55.84092	39.75068	92.95609	0.8045	0.796123	1.0035	7.007086
193	53.639	40.4032	55.30235	39.75068	92.69642	0.7776	0.754134	0.9661	6.932234
194	53.639	40.4032	65.47064	39.75068	100.5652	1.2860	1.027474	1.5429	8.085733
195	53.639	40.4032	63.47138	39.75068	99.4414	1.1860	0.930495	1.4187	7.837318
196	53.639	40.4032	61.99549	39.75068	98.64382	1.1122	0.846163	1.3238	7.647563
197	53.639	40.4032	60.51299	39.75068	97.87774	1.0381	0.745058	1.2244	7.44876
198	53.639	40.4032	60.01635	39.75068	97.63117	1.0133	0.705913	1.1898	7.379524
Total Waktu Pekerjaan Pengangkutan Besi									2131.66 menit

Task	X	Y	$\rho(D)$	$\rho(S2)$	lj	Ta	T ω	Th	Total T
199	53.639	40.4032	67.15302	41.3887	52.58502	1.2882	3.736751	4.0588	13.61761
200	53.639	40.4032	64.71296	41.3887	48.53936	1.1662	3.823195	4.1147	13.7295
201	53.639	40.4032	62.69216	41.3887	44.9513	1.0652	3.905862	4.1722	13.84431
202	53.639	40.4032	60.60131	41.3887	40.91995	0.9606	4.005926	4.2461	13.99217
203	53.639	40.4032	59.05373	41.3887	37.63607	0.8833	4.0934	4.3142	14.12843
204	53.639	40.4032	57.49543	41.3887	33.93622	0.8053	4.198787	4.4001	14.30024
205	53.639	40.4032	56.9725	41.3887	32.56704	0.7792	4.239728	4.4345	14.36905
206	53.639	40.4032	55.7516	41.3887	28.97927	0.7181	4.352395	4.5319	14.56386
207	53.639	40.4032	55.21593	41.3887	27.14187	0.6914	4.413394	4.5862	14.67247
208	53.639	40.4032	54.50925	41.3887	24.25757	0.6560	4.514444	4.6785	14.8569
209	53.639	40.4032	62.45522	41.3887	51.36206	1.0533	3.640158	3.9035	13.30698
210	53.639	40.4032	59.82385	41.3887	47.21172	0.9218	3.729433	3.9599	13.41974
211	53.639	40.4032	57.63188	41.3887	43.51432	0.8122	3.815806	4.0188	13.53769
212	53.639	40.4032	55.3502	41.3887	39.33598	0.6981	3.921632	4.0962	13.6923
213	53.639	40.4032	53.65137	41.3887	35.90752	0.6131	4.015238	4.1685	13.83704
214	53.639	40.4032	51.93121	41.3887	32.00849	0.5271	4.129282	4.2611	14.02213
215	53.639	40.4032	51.35164	41.3887	30.55304	0.4981	4.173935	4.2985	14.09694
216	53.639	40.4032	49.99367	41.3887	26.69597	0.4302	4.297724	4.4053	14.31057
217	53.639	40.4032	49.39559	41.3887	24.68922	0.4003	4.365243	4.4653	14.43066
218	53.639	40.4032	48.60436	41.3887	21.47804	0.3608	4.47774	4.5679	14.63587
219	53.639	40.4032	58.01896	41.3887	50.82639	0.8315	3.528811	3.7367	12.97338
220	53.639	40.4032	55.17643	41.3887	46.6284	0.6894	3.619909	3.7923	13.08451
221	53.639	40.4032	52.79184	41.3887	42.88073	0.5702	3.709294	3.8518	13.20367
222	53.639	40.4032	50.29106	41.3887	38.63392	0.4451	3.820467	3.9317	13.36349
223	53.639	40.4032	48.41502	41.3887	35.13703	0.3513	3.920286	4.0081	13.51623
224	53.639	40.4032	46.50156	41.3887	31.14169	0.2556	4.043695	4.1076	13.71521
225	53.639	40.4032	45.85342	41.3887	29.64371	0.2232	4.092522	4.1483	13.79666

226	53.639	40.4032	44.32733	41.3887	25.65026	0.1469	4.229247	4.2660	14.03196
227	53.639	40.4032	43.65169	41.3887	23.55459	0.1131	4.30459	4.3329	14.16575
228	53.639	40.4032	42.75429	41.3887	20.16351	0.0683	4.43114	4.4482	14.39642
229	53.639	40.4032	53.87518	41.3887	50.99403	0.6243	3.399423	3.5555	12.61101
230	53.639	40.4032	50.80132	41.3887	46.81107	0.4706	3.490623	3.6083	12.71656
231	53.639	40.4032	48.20077	41.3887	43.0793	0.3406	3.581633	3.6668	12.83357
232	53.639	40.4032	45.44806	41.3887	38.8542	0.2030	3.696961	3.7477	12.99541
233	53.639	40.4032	43.36301	41.3887	35.37909	0.0987	3.802523	3.8272	13.1544
234	53.639	40.4032	41.21567	41.3887	31.41454	0.0087	3.935599	3.9378	13.37552
235	53.639	40.4032	40.48299	41.3887	29.93022	0.0453	3.989006	4.0003	13.50066
236	53.639	40.4032	38.74594	41.3887	25.98085	0.1321	4.140688	4.1737	13.84744
237	53.639	40.4032	37.97111	41.3887	23.91417	0.1709	4.225507	4.2682	14.03645
238	53.639	40.4032	36.93596	41.3887	20.58242	0.2226	4.369682	4.4253	14.35068
239	53.639	40.4032	50.10859	41.3887	51.86	0.4360	3.249558	3.3586	12.21711
240	53.639	40.4032	46.78792	41.3887	47.75296	0.2700	3.338097	3.4056	12.31118
241	53.639	40.4032	43.95054	41.3887	44.10096	0.1281	3.428224	3.4602	12.42049
242	53.639	40.4032	40.91286	41.3887	39.98397	0.0238	3.545074	3.5510	12.60204
243	53.639	40.4032	38.58349	41.3887	36.61624	0.1403	3.654681	3.6897	12.87949
244	53.639	40.4032	36.15338	41.3887	32.80156	0.2618	3.796499	3.8619	13.22388
245	53.639	40.4032	35.31583	41.3887	31.38291	0.3036	3.854545	3.9305	13.36091
246	53.639	40.4032	33.31041	41.3887	27.64188	0.4039	4.022795	4.1238	13.74755
247	53.639	40.4032	32.40588	41.3887	25.70907	0.4491	4.118949	4.2312	13.96247
248	53.639	40.4032	31.18655	41.3887	22.64298	0.5101	4.285412	4.4129	14.32588
249	53.639	40.4032	49.23622	41.3887	52.18215	0.3924	3.208613	3.3067	12.11341
250	53.639	40.4032	45.85241	41.3887	48.10262	0.2232	3.295905	3.3517	12.2034
251	53.639	40.4032	42.95327	41.3887	44.47934	0.0782	3.385242	3.4048	12.3096
252	53.639	40.4032	39.83962	41.3887	40.40093	0.0775	3.501812	3.5212	12.54235
253	53.639	40.4032	37.44355	41.3887	37.07109	0.1973	3.611929	3.6612	12.82249
254	53.639	40.4032	34.93423	41.3887	33.30855	0.3227	3.755515	3.8362	13.17239
255	53.639	40.4032	34.06672	41.3887	31.91245	0.3661	3.814638	3.9062	13.31232
256	53.639	40.4032	31.98308	41.3887	28.24165	0.4703	3.987117	4.1047	13.70937
257	53.639	40.4032	31.03989	41.3887	26.35287	0.5174	4.08638	4.2157	13.93148
258	53.639	40.4032	29.76465	41.3887	23.37139	0.5812	4.259278	4.4046	14.30916
259	53.639	40.4032	46.55983	41.3887	53.54625	0.2586	3.06155	3.1262	11.75238
260	53.639	40.4032	42.96576	41.3887	49.57909	0.0789	3.142552	3.1623	11.82453
261	53.639	40.4032	39.8572	41.3887	46.07207	0.0766	3.227036	3.2462	11.99236
262	53.639	40.4032	36.48025	41.3887	42.14806	0.2454	3.339845	3.4012	12.3024
263	53.639	40.4032	33.8472	41.3887	38.96781	0.3771	3.449241	3.5435	12.58702
264	53.639	40.4032	31.04857	41.3887	35.40739	0.5170	3.596213	3.7255	12.95093
265	53.639	40.4032	44.28805	41.3887	55.33014	0.1450	2.898007	2.9342	11.3685
266	53.639	40.4032	40.49283	41.3887	51.50058	0.0448	2.968832	2.9800	11.46006
267	53.639	40.4032	37.17808	41.3887	48.13377	0.2105	3.044163	3.0968	11.69359
268	53.639	40.4032	33.5324	41.3887	44.39237	0.3928	3.147289	3.2455	11.99099
269	53.639	40.4032	30.64712	41.3887	41.38495	0.5371	3.250317	3.3846	12.26917
270	53.639	40.4032	27.52502	41.3887	38.05138	0.6932	3.393841	3.5671	12.63427
271	53.639	40.4032	42.48581	41.3887	57.49477	0.0549	2.718723	2.7324	10.96487

272	53.639	40.4032	38.51341	41.3887	53.81946	0.1438	2.774943	2.8109	11.12177
273	53.639	40.4032	35.01175	41.3887	50.60715	0.3188	2.835855	2.9156	11.33113
274	53.639	40.4032	31.11326	41.3887	47.0628	0.5138	2.921327	3.0498	11.59954
275	53.639	40.4032	27.97961	41.3887	44.23729	0.6705	3.009411	3.1770	11.85405
276	53.639	40.4032	24.52019	41.3887	41.13552	0.8434	3.137205	3.3481	12.19612
277	53.639	40.4032	41.21477	41.3887	59.99894	0.0087	2.526012	2.5282	10.55637
278	53.639	40.4032	37.10654	41.3887	56.4868	0.2141	2.563269	2.6168	10.73359
279	53.639	40.4032	33.45797	41.3887	53.43508	0.3965	2.604245	2.7034	10.90676
280	53.639	40.4032	29.35384	41.3887	50.09123	0.6017	2.662955	2.8134	11.12678
281	53.639	40.4032	26.00907	41.3887	47.44641	0.7690	2.725156	2.9174	11.3348
282	53.639	40.4032	22.24528	41.3887	44.56855	0.9572	2.818981	3.0583	11.61655
283	53.639	40.4032	40.52493	41.3887	62.80204	0.0432	2.323931	2.3347	10.16946
284	53.639	40.4032	36.3388	41.3887	59.45572	0.2525	2.338852	2.4020	10.30395
285	53.639	40.4032	32.60443	41.3887	56.5644	0.4392	2.355409	2.4652	10.43043
286	53.639	40.4032	28.37711	41.3887	53.4168	0.6506	2.379439	2.5421	10.58417
287	53.639	40.4032	24.9015	41.3887	50.94493	0.8244	2.405352	2.6114	10.72288
288	53.639	40.4032	20.93957	41.3887	48.27607	1.0225	2.445484	2.7011	10.9022
289	53.639	40.4032	19.45782	41.3887	47.32361	1.0965	2.464743	2.7389	10.97776
290	53.639	40.4032	15.52362	41.3887	44.93006	1.2933	2.534037	2.8574	11.2147
291	53.639	40.4032	13.47368	41.3887	43.76749	1.3958	2.586568	2.9355	11.37101
292	53.639	40.4032	10.19802	41.3887	42.03977	1.5595	2.71614	3.1060	11.71205
293	53.639	40.4032	40.44605	41.3887	65.86593	0.0471	2.117991	2.1298	9.759548
294	53.639	40.4032	36.25082	41.3887	62.68338	0.2569	2.109104	2.1733	9.846656
295	53.639	40.4032	32.50633	41.3887	59.94794	0.4441	2.099232	2.2103	9.920523
296	53.639	40.4032	28.26435	41.3887	56.98753	0.6562	2.084882	2.2489	9.997873
297	53.639	40.4032	24.77292	41.3887	54.67733	0.8308	2.069375	2.2771	10.05414
298	53.639	40.4032	20.7865	41.3887	52.19965	1.0301	2.045277	2.3028	10.10561
299	53.639	40.4032	19.29299	41.3887	51.32006	1.1048	2.033674	2.3099	10.11974
300	53.639	40.4032	15.31652	41.3887	49.12163	1.3036	1.991678	2.3176	10.13516
301	53.639	40.4032	13.23454	41.3887	48.06056	1.4077	1.959538	2.3115	10.12293
302	53.639	40.4032	9.879911	41.3887	46.49264	1.5754	1.878842	2.2727	10.0454
303	53.639	40.4032	40.98165	41.3887	69.15594	0.0204	1.914357	1.9194	9.33889
304	53.639	40.4032	36.84745	41.3887	66.13191	0.2271	1.882548	1.9393	9.378627
305	53.639	40.4032	33.17039	41.3887	63.5451	0.4109	1.84746	1.9502	9.400377
306	53.639	40.4032	29.02562	41.3887	60.76021	0.6182	1.796973	1.9515	9.403022
307	53.639	40.4032	25.63807	41.3887	58.59892	0.7875	1.743177	1.9401	9.380121
308	53.639	40.4032	21.81036	41.3887	56.29411	0.9789	1.661344	1.9061	9.312147
309	53.639	40.4032	20.39198	41.3887	55.47948	1.0498	1.622773	1.8852	9.270464
310	53.639	40.4032	16.67959	41.3887	53.4524	1.2355	1.488142	1.7970	9.094013
311	53.639	40.4032	14.79074	41.3887	52.47896	1.3299	1.390745	1.7232	8.94644
312	53.639	40.4032	11.88384	41.3887	51.04694	1.4752	1.16889	1.7675	9.034931
313	53.639	40.4032	42.1083	41.3887	72.64137	0.0360	1.7188	1.7278	8.955589
314	53.639	40.4032	38.09656	41.3887	69.76858	0.1646	1.667031	1.7082	8.916366
315	53.639	40.4032	34.55268	41.3887	67.32164	0.3418	1.610703	1.6962	8.892306
316	53.639	40.4032	30.59575	41.3887	64.69951	0.5396	1.531198	1.6661	8.83222
317	53.639	40.4032	27.40299	41.3887	62.67422	0.6993	1.448636	1.6235	8.746915

318	53.639	40.4032	23.86011	41.3887	60.5248	0.8764	1.327592	1.5467	8.5934
319	53.639	40.4032	22.5709	41.3887	59.76785	0.9409	1.272521	1.5077	8.515486
320	53.639	40.4032	19.28268	41.3887	57.89113	1.1053	1.090471	1.3779	8.255838
321	53.639	40.4032	17.67425	41.3887	56.99356	1.1857	0.96855	1.4279	8.35572
322	53.639	40.4032	15.32445	41.3887	55.67777	1.3032	0.719462	1.4831	8.466157
323	53.639	40.4032	43.78038	41.3887	76.29543	0.1196	1.535796	1.5657	8.631384
324	53.639	40.4032	39.93696	41.3887	73.56547	0.0726	1.468269	1.4864	8.472832
325	53.639	40.4032	36.57186	41.3887	71.24905	0.2408	1.396095	1.4563	8.41261
326	53.639	40.4032	32.85898	41.3887	68.77682	0.4265	1.296649	1.4033	8.306541
327	53.639	40.4032	29.90881	41.3887	66.87512	0.5740	1.196504	1.3400	8.180006
328	53.639	40.4032	26.70052	41.3887	64.86506	0.7344	1.055579	1.2392	7.978363
329	53.639	40.4032	25.55501	41.3887	64.15933	0.7917	0.993787	1.1917	7.883416
330	53.639	40.4032	22.70319	41.3887	62.4148	0.9343	0.7996	1.1342	7.768352
331	53.639	40.4032	21.35397	41.3887	61.58319	1.0017	0.677763	1.1712	7.842355
332	53.639	40.4032	19.45383	41.3887	60.36752	1.0967	0.447023	1.2085	7.916998
333	53.639	40.4032	45.93838	41.3887	80.09505	0.2275	1.368104	1.4250	8.34995
334	53.639	40.4032	42.29153	41.3887	77.49905	0.0451	1.289304	1.3006	8.101178
335	53.639	40.4032	39.12945	41.3887	75.30373	0.1130	1.206704	1.2349	7.96989
336	53.639	40.4032	35.68369	41.3887	72.969	0.2853	1.09572	1.1670	7.834065
337	53.639	40.4032	32.98711	41.3887	71.17939	0.4201	0.987303	1.0923	7.684646
338	53.639	40.4032	30.10865	41.3887	69.2943	0.5640	0.840376	0.9814	7.462754
339	53.639	40.4032	29.09762	41.3887	68.63413	0.6146	0.777979	0.9316	7.363234
340	53.639	40.4032	26.62795	41.3887	67.0062	0.7380	0.589477	0.8854	7.270814
341	53.639	40.4032	25.48735	41.3887	66.23227	0.7951	0.47665	0.9142	7.32846
342	53.639	40.4032	23.91787	41.3887	65.10347	0.8735	0.272927	0.9418	7.383547
343	53.639	40.4032	47.43868	41.3887	82.43516	0.3025	1.275403	1.3510	8.202055
344	53.639	40.4032	43.91659	41.3887	79.91522	0.1264	1.191835	1.2234	7.946868
345	53.639	40.4032	40.8804	41.3887	77.78812	0.0254	1.105253	1.1116	7.723214
346	53.639	40.4032	37.59546	41.3887	75.53022	0.1897	0.990589	1.0380	7.576009
347	53.639	40.4032	35.0463	41.3887	73.80275	0.3171	0.880444	0.9597	7.419448
348	53.639	40.4032	32.35157	41.3887	71.98638	0.4519	0.734086	0.8471	7.1941
349	53.639	40.4032	31.41281	41.3887	71.35113	0.4988	0.672917	0.7976	7.09523
350	53.639	40.4032	29.14002	41.3887	69.78661	0.6124	0.491504	0.7353	6.97062
351	53.639	40.4032	28.10157	41.3887	69.04385	0.6644	0.385178	0.7607	7.021302
352	53.639	40.4032	26.68629	41.3887	67.96177	0.7351	0.19693	0.7844	7.068707
353	53.639	40.4032	42.1275	41.3887	79.46619	0.0369	1.042378	1.0516	7.603225
354	53.639	40.4032	38.9479	41.3887	77.25735	0.1220	0.926322	0.9568	7.413664
355	53.639	40.4032	36.49332	41.3887	75.56937	0.2448	0.815997	0.8772	7.254377
356	53.639	40.4032	33.91377	41.3887	73.7965	0.3737	0.671125	0.7646	7.029124
357	53.639	40.4032	33.01946	41.3887	73.17697	0.4185	0.611144	0.7158	6.931519
358	53.639	40.4032	30.8652	41.3887	71.65232	0.5262	0.435107	0.6350	6.769904
359	53.639	40.4032	29.88675	41.3887	70.9291	0.5751	0.333126	0.6584	6.816758
360	53.639	40.4032	28.56007	41.3887	69.87622	0.6414	0.154457	0.6800	6.860092
361	53.639	40.4032	45.479	41.3887	83.72037	0.2045	0.901053	0.9522	7.404364
362	53.639	40.4032	42.55058	41.3887	81.62673	0.0581	0.784335	0.7989	7.097716
363	53.639	40.4032	40.31595	41.3887	80.03096	0.0536	0.675913	0.6893	6.878644

364	53.639	40.4032	37.9968	41.3887	78.35909	0.1696	0.537097	0.5795	6.658991
365	53.639	40.4032	37.20077	41.3887	77.77591	0.2094	0.480735	0.5331	6.566167
366	53.639	40.4032	35.3026	41.3887	76.34316	0.3043	0.318741	0.3948	6.289635
367	53.639	40.4032	34.45041	41.3887	75.6648	0.3469	0.227003	0.4037	6.30733
368	53.639	40.4032	49.11163	41.3887	88.05296	0.3861	0.779865	0.8764	7.252803
369	53.639	40.4032	46.41298	41.3887	86.06478	0.2512	0.665227	0.7280	6.956061
370	53.639	40.4032	44.37329	41.3887	84.55281	0.1492	0.560749	0.5981	6.696114
371	53.639	40.4032	42.27729	41.3887	82.97211	0.0444	0.429624	0.4407	6.381462
372	53.639	40.4032	41.56333	41.3887	82.42158	0.0087	0.377171	0.3794	6.258709
373	53.639	40.4032	39.87338	41.3887	81.07097	0.0758	0.228694	0.2476	5.995271
374	53.639	40.4032	39.12089	41.3887	80.43249	0.1134	0.145952	0.1743	5.8486
375	53.639	40.4032	52.96759	41.3887	92.45295	0.5789	0.675834	0.8206	7.14114
376	53.639	40.4032	50.47552	41.3887	90.56142	0.4543	0.564845	0.6784	6.85686
377	53.639	40.4032	48.6066	41.3887	89.12576	0.3609	0.465253	0.5555	6.610953
378	53.639	40.4032	46.70099	41.3887	87.62759	0.2656	0.342202	0.4086	6.317212
379	53.639	40.4032	46.05566	41.3887	87.10649	0.2333	0.293539	0.3519	6.203751
380	53.639	40.4032	44.5365	41.3887	85.82964	0.1574	0.15733	0.1967	5.893444
381	53.639	40.4032	43.86407	41.3887	85.22681	0.1238	0.082305	0.1443	5.78869
382	53.639	40.4032	57.00157	41.3887	96.91115	0.7806	0.586218	0.9272	7.354395
383	53.639	40.4032	54.69361	41.3887	95.10833	0.6652	0.479675	0.7852	7.070328
384	53.639	40.4032	52.97372	41.3887	93.74234	0.5793	0.385274	0.6756	6.851138
385	53.639	40.4032	51.23081	41.3887	92.31912	0.4921	0.27007	0.5596	6.619245
386	53.639	40.4032	50.64323	41.3887	91.82464	0.4627	0.22491	0.5190	6.537908
387	53.639	40.4032	61.17836	41.3887	101.4199	0.9895	0.508639	1.1166	7.733285
388	53.639	40.4032	59.03392	41.3887	99.69864	0.8823	0.406861	0.9840	7.467952
389	53.639	40.4032	57.44413	41.3887	98.39639	0.8028	0.317606	0.8822	7.264346
390	53.639	40.4032	55.84092	41.3887	97.04145	0.7226	0.20975	0.7750	7.050097
391	53.639	40.4032	55.30235	41.3887	96.57116	0.6957	0.167761	0.7376	6.975245
392	53.639	40.4032	65.47064	41.3887	105.9727	1.2041	0.441101	1.3144	8.128744
393	53.639	40.4032	63.47138	41.3887	104.3266	1.1041	0.344122	1.1902	7.880329
394	53.639	40.4032	61.99549	41.3887	103.0828	1.0303	0.25979	1.0953	7.690574
395	53.639	40.4032	60.51299	41.3887	101.7903	0.9562	0.158685	0.9959	7.491771
396	53.639	40.4032	60.01635	41.3887	101.3421	0.9314	0.11954	0.9613	7.422535
Total Waktu Pekerjaan Pengangkutan <i>Scaffolding</i>									2016.244 menit

Task	X	Y	$\rho(D)$	$\rho(S3)$	lj	Ta	Tw	Th	Total T
397	53.639	40.4032	67.15302	22.87971	60.71929	2.2137	3.373768	3.9272	16.35437
398	53.639	40.4032	64.71296	22.87971	57.25143	2.0917	3.460212	3.9831	16.46626
399	53.639	40.4032	62.69216	22.87971	54.24282	1.9906	3.542879	4.0405	16.58107
400	53.639	40.4032	60.60131	22.87971	50.95209	1.8861	3.642944	4.1145	16.72893
401	53.639	40.4032	59.05373	22.87971	48.35446	1.8087	3.730418	4.1826	16.86519
402	53.639	40.4032	57.49543	22.87971	45.53411	1.7308	3.835804	4.2685	17.037
403	53.639	40.4032	56.9725	22.87971	44.52306	1.7046	3.876746	4.3029	17.10581
404	53.639	40.4032	55.7516	22.87971	41.97019	1.6436	3.989412	4.4003	17.30062
405	53.639	40.4032	55.21593	22.87971	40.72326	1.6168	4.050411	4.4546	17.40923

406	53.639	40.4032	54.50925	22.87971	38.86051	1.5815	4.151462	4.5468	17.59366
407	53.639	40.4032	62.45522	22.87971	57.64584	1.9788	3.277176	3.7719	16.04374
408	53.639	40.4032	59.82385	22.87971	53.9809	1.8472	3.366451	3.8283	16.1565
409	53.639	40.4032	57.63188	22.87971	50.77888	1.7376	3.452824	3.8872	16.27445
410	53.639	40.4032	55.3502	22.87971	47.2475	1.6235	3.55865	3.9645	16.42906
411	53.639	40.4032	53.65137	22.87971	44.43382	1.5386	3.652256	4.0369	16.5738
412	53.639	40.4032	51.93121	22.87971	41.34689	1.4526	3.766299	4.1294	16.75889
413	53.639	40.4032	51.35164	22.87971	40.23075	1.4236	3.810953	4.1669	16.8337
414	53.639	40.4032	49.99367	22.87971	37.38593	1.3557	3.934742	4.2737	17.04733
415	53.639	40.4032	49.39559	22.87971	35.98048	1.3258	4.002261	4.3337	17.16742
416	53.639	40.4032	48.60436	22.87971	33.85779	1.2862	4.114758	4.4363	17.37263
417	53.639	40.4032	58.01896	22.87971	55.06939	1.7570	3.165829	3.6051	15.71014
418	53.639	40.4032	55.17643	22.87971	51.22043	1.6148	3.256927	3.6606	15.82127
419	53.639	40.4032	52.79184	22.87971	47.83398	1.4956	3.346312	3.7202	15.94043
420	53.639	40.4032	50.29106	22.87971	44.06723	1.3706	3.457485	3.8001	16.10025
421	53.639	40.4032	48.41502	22.87971	41.03607	1.2768	3.557304	3.8765	16.25299
422	53.639	40.4032	46.50156	22.87971	37.67174	1.1811	3.680712	3.9760	16.45197
423	53.639	40.4032	45.85342	22.87971	36.44322	1.1487	3.729539	4.0167	16.53342
424	53.639	40.4032	44.32733	22.87971	33.27616	1.0724	3.866265	4.1344	16.76872
425	53.639	40.4032	43.65169	22.87971	31.68895	1.0386	3.941608	4.2013	16.90251
426	53.639	40.4032	42.75429	22.87971	29.25654	0.9937	4.068157	4.3166	17.13318
427	53.639	40.4032	53.87518	22.87971	53.04282	1.5498	3.036441	3.4239	15.34777
428	53.639	40.4032	50.80132	22.87971	49.03504	1.3961	3.127641	3.4767	15.45332
429	53.639	40.4032	48.20077	22.87971	45.48617	1.2661	3.218651	3.5352	15.57033
430	53.639	40.4032	45.44806	22.87971	41.50691	1.1284	3.333979	3.6161	15.73217
431	53.639	40.4032	43.36301	22.87971	38.27351	1.0242	3.439541	3.6956	15.89116
432	53.639	40.4032	41.21567	22.87971	34.64193	0.9168	3.572617	3.8018	16.10363
433	53.639	40.4032	40.48299	22.87971	33.30182	0.8802	3.626024	3.8461	16.19213
434	53.639	40.4032	38.74594	22.87971	29.80278	0.7933	3.777705	3.9760	16.45207
435	53.639	40.4032	37.97111	22.87971	28.0195	0.7546	3.862525	4.0512	16.60234
436	53.639	40.4032	36.93596	22.87971	25.23584	0.7028	4.0067	4.1824	16.86481
437	53.639	40.4032	50.10859	22.87971	51.63762	1.3614	2.886576	3.2269	14.95387
438	53.639	40.4032	46.78792	22.87971	47.51145	1.1954	2.975115	3.2740	15.04794
439	53.639	40.4032	43.95054	22.87971	43.83942	1.0535	3.065242	3.3286	15.15725
440	53.639	40.4032	40.91286	22.87971	39.69542	0.9017	3.182092	3.4075	15.31501
441	53.639	40.4032	38.58349	22.87971	36.30103	0.7852	3.291699	3.4880	15.47599
442	53.639	40.4032	36.15338	22.87971	32.44944	0.6637	3.433517	3.5994	15.69888
443	53.639	40.4032	35.31583	22.87971	31.01474	0.6218	3.491563	3.6470	15.79403
444	53.639	40.4032	33.31041	22.87971	27.2233	0.5215	3.659813	3.7902	16.08039
445	53.639	40.4032	32.40588	22.87971	25.25857	0.4763	3.755966	3.8750	16.25009
446	53.639	40.4032	31.18655	22.87971	22.13031	0.4153	3.92243	4.0263	16.55253
447	53.639	40.4032	49.23622	22.87971	51.38988	1.3178	2.845631	3.1751	14.85017
448	53.639	40.4032	45.85241	22.87971	47.24207	1.1486	2.932923	3.2201	14.94016
449	53.639	40.4032	42.95327	22.87971	43.54734	1.0037	3.02226	3.2732	15.04636
450	53.639	40.4032	39.83962	22.87971	39.37261	0.8480	3.13883	3.3508	15.20166
451	53.639	40.4032	37.44355	22.87971	35.94774	0.7282	3.248947	3.4310	15.36199

452	53.639	40.4032	34.93423	22.87971	32.05373	0.6027	3.392533	3.5432	15.58643
453	53.639	40.4032	34.06672	22.87971	30.60048	0.5594	3.451655	3.5915	15.68299
454	53.639	40.4032	31.98308	22.87971	26.7504	0.4552	3.624135	3.7379	15.97585
455	53.639	40.4032	31.03989	22.87971	24.74815	0.4080	3.723398	3.8254	16.1508
456	53.639	40.4032	29.76465	22.87971	21.54591	0.3442	3.896296	3.9824	16.46472
457	53.639	40.4032	46.55983	22.87971	50.87572	1.1840	2.698568	2.9946	14.48914
458	53.639	40.4032	42.96576	22.87971	46.68225	1.0043	2.77957	3.0306	14.56129
459	53.639	40.4032	39.8572	22.87971	42.93937	0.8489	2.864054	3.0763	14.65255
460	53.639	40.4032	36.48025	22.87971	38.69911	0.6800	2.976863	3.1469	14.79374
461	53.639	40.4032	33.8472	22.87971	35.20879	0.5484	3.086259	3.2234	14.9467
462	53.639	40.4032	31.04857	22.87971	31.22276	0.4084	3.233231	3.3353	15.17068
463	53.639	40.4032	44.28805	22.87971	50.85034	1.0704	2.535025	2.8026	14.10526
464	53.639	40.4032	40.49283	22.87971	46.6546	0.8807	2.60585	2.8260	14.15203
465	53.639	40.4032	37.17808	22.87971	42.90931	0.7149	2.68118	2.8599	14.21982
466	53.639	40.4032	33.5324	22.87971	38.66575	0.5326	2.784307	2.9175	14.33493
467	53.639	40.4032	30.64712	22.87971	35.17212	0.3884	2.887335	2.9844	14.46886
468	53.639	40.4032	27.52502	22.87971	31.1814	0.2323	3.030859	3.0889	14.67785
469	53.639	40.4032	42.48581	22.87971	51.31449	0.9803	2.35574	2.6008	13.70163
470	53.639	40.4032	38.51341	22.87971	47.16005	0.7817	2.411961	2.6074	13.71476
471	53.639	40.4032	35.01175	22.87971	43.45834	0.6066	2.472873	2.6245	13.74905
472	53.639	40.4032	31.11326	22.87971	39.27415	0.4117	2.558345	2.6613	13.82253
473	53.639	40.4032	27.97961	22.87971	35.83988	0.2550	2.646429	2.7102	13.92035
474	53.639	40.4032	24.52019	22.87971	31.93272	0.0820	2.774223	2.7947	14.08946
475	53.639	40.4032	41.21477	22.87971	52.2551	0.9168	2.16303	2.3922	13.28444
476	53.639	40.4032	37.10654	22.87971	48.18184	0.7113	2.200286	2.3781	13.25624
477	53.639	40.4032	33.45797	22.87971	44.56508	0.5289	2.241262	2.3735	13.24698
478	53.639	40.4032	29.35384	22.87971	40.49541	0.3237	2.299973	2.3809	13.2618
479	53.639	40.4032	26.00907	22.87971	37.17413	0.1565	2.362174	2.4013	13.30258
480	53.639	40.4032	22.24528	22.87971	33.42331	0.0317	2.455999	2.4639	13.42786
481	53.639	40.4032	40.52493	22.87971	53.64713	0.8823	1.960949	2.1815	12.86303
482	53.639	40.4032	36.3388	22.87971	49.68811	0.6730	1.97587	2.1441	12.78822
483	53.639	40.4032	32.60443	22.87971	46.18945	0.4862	1.992427	2.1140	12.72797
484	53.639	40.4032	28.37711	22.87971	42.27644	0.2749	2.016457	2.0852	12.67035
485	53.639	40.4032	24.9015	22.87971	39.10672	0.1011	2.042369	2.0676	12.63528
486	53.639	40.4032	20.93957	22.87971	35.56032	0.0970	2.082502	2.1068	12.71351
487	53.639	40.4032	19.45782	22.87971	34.25616	0.1711	2.101761	2.1445	12.78907
488	53.639	40.4032	15.52362	22.87971	30.8655	0.3678	2.171055	2.2630	13.02601
489	53.639	40.4032	13.47368	22.87971	29.14732	0.4703	2.223586	2.3412	13.18232
490	53.639	40.4032	10.19802	22.87971	26.48247	0.6341	2.353158	2.5117	13.52336
491	53.639	40.4032	40.44605	22.87971	55.45659	0.8783	1.755009	1.9746	12.44918
492	53.639	40.4032	36.25082	22.87971	51.63649	0.6686	1.746122	1.9133	12.32652
493	53.639	40.4032	32.50633	22.87971	48.27924	0.4813	1.73625	1.8566	12.21317
494	53.639	40.4032	28.26435	22.87971	44.55015	0.2692	1.7219	1.7892	12.07842
495	53.639	40.4032	24.77292	22.87971	41.55423	0.0947	1.706393	1.7301	11.96012
496	53.639	40.4032	20.7865	22.87971	38.23553	0.1047	1.682295	1.7085	11.91692
497	53.639	40.4032	19.29299	22.87971	37.02571	0.1793	1.670692	1.7155	11.93105

498	53.639	40.4032	15.31652	22.87971	33.91309	0.3782	1.628695	1.7232	11.94647
499	53.639	40.4032	13.23454	22.87971	32.35715	0.4823	1.596556	1.7171	11.93424
500	53.639	40.4032	9.879911	22.87971	29.979	0.6500	1.51586	1.6784	11.85671
501	53.639	40.4032	40.98165	22.87971	57.64419	0.9051	1.551375	1.7776	12.0553
502	53.639	40.4032	36.84745	22.87971	53.97913	0.6984	1.519566	1.6942	11.88832
503	53.639	40.4032	33.17039	22.87971	50.777	0.5145	1.484477	1.6131	11.72622
504	53.639	40.4032	29.02562	22.87971	47.24548	0.3073	1.433991	1.5108	11.52163
505	53.639	40.4032	25.63807	22.87971	44.43167	0.1379	1.380195	1.4147	11.32935
506	53.639	40.4032	21.81036	22.87971	41.34458	0.0535	1.298362	1.3117	11.12346
507	53.639	40.4032	20.39198	22.87971	40.22838	0.1244	1.259791	1.2909	11.08177
508	53.639	40.4032	16.67959	22.87971	37.38338	0.3100	1.12516	1.2027	10.90532
509	53.639	40.4032	14.79074	22.87971	35.97783	0.4044	1.027763	1.1289	10.75775
510	53.639	40.4032	11.88384	22.87971	33.85497	0.5498	0.805907	0.9434	10.38671
511	53.639	40.4032	42.1083	22.87971	60.16869	0.9614	1.355817	1.5962	11.69235
512	53.639	40.4032	38.09656	22.87971	56.66715	0.7608	1.304049	1.4943	11.48852
513	53.639	40.4032	34.55268	22.87971	53.62576	0.5836	1.24772	1.3936	11.28726
514	53.639	40.4032	30.59575	22.87971	50.29467	0.3858	1.168216	1.2647	11.02933
515	53.639	40.4032	27.40299	22.87971	47.66122	0.2262	1.085654	1.1422	10.78439
516	53.639	40.4032	23.86011	22.87971	44.79725	0.0490	0.96461	0.9769	10.45373
517	53.639	40.4032	22.5709	22.87971	43.76919	0.0154	0.909538	0.9134	10.3268
518	53.639	40.4032	19.28268	22.87971	41.1696	0.1799	0.727489	0.7725	10.0449
519	53.639	40.4032	17.67425	22.87971	39.89766	0.2603	0.605568	0.6706	9.841272
520	53.639	40.4032	15.32445	22.87971	37.99445	0.3778	0.35648	0.4669	9.433766
521	53.639	40.4032	43.78038	22.87971	62.98961	1.0450	1.172814	1.4341	11.36814
522	53.639	40.4032	39.93696	22.87971	59.65387	0.8529	1.105287	1.3185	11.13701
523	53.639	40.4032	36.57186	22.87971	56.77272	0.6846	1.033112	1.2043	10.90853
524	53.639	40.4032	32.85898	22.87971	53.63742	0.4990	0.933667	1.0584	10.61682
525	53.639	40.4032	29.90881	22.87971	51.17628	0.3515	0.833522	0.9214	10.34277
526	53.639	40.4032	26.70052	22.87971	48.52023	0.1910	0.692597	0.7404	9.980715
527	53.639	40.4032	25.55501	22.87971	47.57269	0.1338	0.630805	0.6642	9.828492
528	53.639	40.4032	22.70319	22.87971	45.19242	0.0088	0.436618	0.4388	9.377649
529	53.639	40.4032	21.35397	22.87971	44.03683	0.0763	0.314781	0.3339	9.167704
530	53.639	40.4032	19.45383	22.87971	42.32018	0.1713	0.08404	0.1923	8.884608
531	53.639	40.4032	45.93838	22.87971	66.06898	1.1529	1.005122	1.4042	11.30843
532	53.639	40.4032	42.29153	22.87971	62.89677	0.9706	0.926321	1.2022	10.90434
533	53.639	40.4032	39.12945	22.87971	60.17109	0.8125	0.843722	1.0468	10.59369
534	53.639	40.4032	35.68369	22.87971	57.2223	0.6402	0.732738	0.8928	10.28558
535	53.639	40.4032	32.98711	22.87971	54.92204	0.5054	0.624321	0.7507	10.00133
536	53.639	40.4032	30.10865	22.87971	52.456	0.3614	0.477394	0.5678	9.635512
537	53.639	40.4032	29.09762	22.87971	51.58081	0.3109	0.414996	0.4927	9.485441
538	53.639	40.4032	26.62795	22.87971	49.39407	0.1874	0.226494	0.2733	9.046695
539	53.639	40.4032	25.48735	22.87971	48.33902	0.1304	0.113667	0.1588	8.817598
540	53.639	40.4032	23.91787	22.87971	46.78051	0.0519	0.090055	0.1030	8.706064
541	53.639	40.4032	47.43868	22.87971	68.02518	1.2279	0.912421	1.4561	11.41211
542	53.639	40.4032	43.91659	22.87971	64.94859	1.0518	0.828853	1.2591	11.01811
543	53.639	40.4032	40.8804	22.87971	62.31273	0.9000	0.742271	1.0856	10.6712

544	53.639	40.4032	37.59546	22.87971	59.47023	0.7358	0.627607	0.8927	10.28538
545	53.639	40.4032	35.0463	22.87971	57.26033	0.6083	0.517462	0.7377	9.97539
546	53.639	40.4032	32.35157	22.87971	54.89943	0.4736	0.371104	0.5664	9.632738
547	53.639	40.4032	31.41281	22.87971	54.06381	0.4267	0.309934	0.5041	9.508278
548	53.639	40.4032	29.14002	22.87971	51.98163	0.3130	0.128522	0.3451	9.190292
549	53.639	40.4032	28.10157	22.87971	50.98016	0.2611	0.022196	0.2666	9.033284
550	53.639	40.4032	26.68629	22.87971	49.50487	0.1903	0.166052	0.2318	8.963684
551	53.639	40.4032	42.1275	22.87971	63.78072	0.9624	0.679395	1.1322	10.76448
552	53.639	40.4032	38.9479	22.87971	61.00665	0.8034	0.56334	0.9442	10.38849
553	53.639	40.4032	36.49332	22.87971	58.85448	0.6807	0.453014	0.7939	10.08787
554	53.639	40.4032	33.91377	22.87971	56.56015	0.5517	0.308143	0.6287	9.757478
555	53.639	40.4032	33.01946	22.87971	55.74943	0.5070	0.248162	0.5690	9.638056
556	53.639	40.4032	30.8652	22.87971	53.73261	0.3993	0.072125	0.4173	9.334612
557	53.639	40.4032	29.88675	22.87971	52.76438	0.3504	0.029856	0.3578	9.215633
558	53.639	40.4032	28.56007	22.87971	51.34039	0.2840	0.208525	0.3361	9.172299
559	53.639	40.4032	45.479	22.87971	67.56773	1.1300	0.538071	1.2645	11.02896
560	53.639	40.4032	42.55058	22.87971	64.9556	0.9835	0.421352	1.0889	10.67776
561	53.639	40.4032	40.31595	22.87971	62.93861	0.8718	0.312931	0.9500	10.40009
562	53.639	40.4032	37.9968	22.87971	60.7986	0.7559	0.174114	0.7994	10.09877
563	53.639	40.4032	37.20077	22.87971	60.04513	0.7161	0.117752	0.7455	9.990983
564	53.639	40.4032	35.3026	22.87971	58.17742	0.6211	0.044241	0.6322	9.76441
565	53.639	40.4032	34.45041	22.87971	57.28437	0.5785	0.135979	0.6125	9.72506
566	53.639	40.4032	49.11163	22.87971	71.50397	1.3116	0.416882	1.4158	11.33163
567	53.639	40.4032	46.41298	22.87971	69.04092	1.1767	0.302245	1.2522	11.00445
568	53.639	40.4032	44.37329	22.87971	67.14676	1.0747	0.197767	1.1241	10.74824
569	53.639	40.4032	42.27729	22.87971	65.14514	0.9699	0.066642	0.9865	10.47308
570	53.639	40.4032	41.56333	22.87971	64.44251	0.9342	0.014189	0.9377	10.37546
571	53.639	40.4032	39.87338	22.87971	62.70591	0.8497	0.134288	0.8833	10.26651
572	53.639	40.4032	39.12089	22.87971	61.87825	0.8121	0.21703	0.8663	10.23263
573	53.639	40.4032	52.96759	22.87971	75.56611	1.5044	0.312852	1.5826	11.66521
574	53.639	40.4032	50.47552	22.87971	73.2398	1.3798	0.201863	1.4303	11.36051
575	53.639	40.4032	48.6066	22.87971	71.45702	1.2863	0.102271	1.3119	11.12382
576	53.639	40.4032	46.70099	22.87971	69.57951	1.1911	0.02078	1.1963	10.89252
577	53.639	40.4032	46.05566	22.87971	68.9221	1.1588	0.069444	1.1762	10.85232
578	53.639	40.4032	44.5365	22.87971	67.30119	1.0828	0.205653	1.1343	10.76851
579	53.639	40.4032	43.86407	22.87971	66.53072	1.0492	0.280677	1.1194	10.73878
580	53.639	40.4032	57.00157	22.87971	79.73491	1.7061	0.223236	1.7619	12.0238
581	53.639	40.4032	54.69361	22.87971	77.53378	1.5907	0.116693	1.6199	11.73974
582	53.639	40.4032	52.97372	22.87971	75.852	1.5047	0.022291	1.5103	11.52055
583	53.639	40.4032	51.23081	22.87971	74.08594	1.4176	0.092912	1.4408	11.38157
584	53.639	40.4032	50.64323	22.87971	73.46887	1.3882	0.138072	1.4227	11.34539
585	53.639	40.4032	61.17836	22.87971	83.99449	1.9149	0.145657	1.9513	12.40269
586	53.639	40.4032	59.03392	22.87971	81.90791	1.8077	0.043879	1.8187	12.13736
587	53.639	40.4032	57.44413	22.87971	80.31777	1.7282	0.045376	1.7396	11.97913
588	53.639	40.4032	55.84092	22.87971	78.65205	1.6481	0.153232	1.6864	11.87274
589	53.639	40.4032	55.30235	22.87971	78.07108	1.6211	0.195221	1.6699	11.83987

590	53.639	40.4032	65.47064	22.87971	88.33172	2.1295	0.078119	2.1491	12.79815
591	53.639	40.4032	63.47138	22.87971	86.35002	2.0296	0.01886	2.0343	12.5686
592	53.639	40.4032	61.99549	22.87971	84.84317	1.9558	0.103192	1.9816	12.46317
593	53.639	40.4032	60.51299	22.87971	83.26803	1.8817	0.204297	1.9327	12.36548
594	53.639	40.4032	60.01635	22.87971	82.71948	1.8568	0.243442	1.9177	12.33539
Total Waktu Pekerjaan Pengangkutan Bekisting									2016.244 menit

Total Waktu Semua Pekerjaan Pengangkutan = 6164.147
menit

