CHAPTER VII

CONSLUSION AND SUGGESTION

7.1. Conclusion

Generally, the research shows that the longer the immersing period, the deeper the deterioration depth will be. The longer the immersing time, the more magnesium sulfate reacts with calcium and creates gypsum that weakened the specimen. However, with the increase of cement content, the deterioration depth gets shallower. Other than that, R_{reff} gets higher as the cement content and immersing period increase. Furthermore, in contrast with Mg^{2+} that decreases with the increase of depth, Ca^{2+} increases with the increase of the depth.

7.2. Suggestion

The research should be continued in order to clarify and match the next research with the previous one. In order to explain more about the drastic increase or decrease of d_n and R_{reff}, there should be held several tests with several specimens so that average results can be withdrawn. Thus, the error of current research can be clarified.

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