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I hope this thesis would be useful for the researcher who wants to make the further study about the learning model which is suitable for learning colloidal system, especially for students in Chemistry Department. I have been doing the maximal effort in the completion of this thesis, but I realize there are many weaknesses in terms of both content and grammar, there for suggestion, and comments are needed for further improvement of this thesis.

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Author

M.Taufik Hidayat

IDN. 4113131047

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