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The writer have done optimally enough effort in the completion of this thesis, but the writer is aware there are so many weakness in conducting this research and thesis in content, grammar, procedure, and the appearance. Writer hopes for the suggestion and constructive critics from readers for complete this thesis perfectly. At least, the write hopes this thesis could be useful to enrich the reader in science education.



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Writer,

M. Rosyadi Izzuddin Nur
NIM.4133331040