

**The Effect of Cooperative Learning Model Type of Student Teams  
Achievement Divisions (STAD) Based on Mind Mapping on  
Learning Outcomes of Students in The Dynamic Electrics  
Subject Matter in Class X Even Semester  
SMA N1 Perbaungan A.Y. 2012/2013**

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**THESIS**

**Submitted to Acquire Eligible Sarjana Pendidikan**

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