

**THE EFFECT OF COOPERATIVE LEARNING MODEL OF GROUP  
INVESTIGATION (GI) TYPE USING MACROMEDIA FLASH  
TOWARD PHYSICS OUTCOMES OF STUDENTS  
SMAN 1 SIDIKALANG A.Y. 2015/2016**

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**THE  
UNIVERSITY**  
**THESES**

**Submitted to Acquire Eligible Sarjana Pendidikan**

**FACULTY OF MATHEMATICS AND NATURAL SCIENCES  
STATE UNIVERSITY OF MEDAN  
MEDAN  
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