



STATE UNIVERSITY OF MEDAN

**THE INFLUENCE OF PROBLEM BASED LEARNING MODELS
ASSISTED WITH INTERACTIVE FLIPBOOK ON STUDENTS
PHYSICS LEARNING OUTCOMES IN OPTICAL GEOMETRY
MATERIAL CLASS XI MAS PLUS AL-ULUM MEDAN**

THESIS

**Submitted to Fulfill the Requirements for
The Degree of Bachelor of Education**

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Bilingual Physics Education Study Program

**PHYSICS DEPARTMENT
FACULTY OF MATHEMATICS AND SCIENCE
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