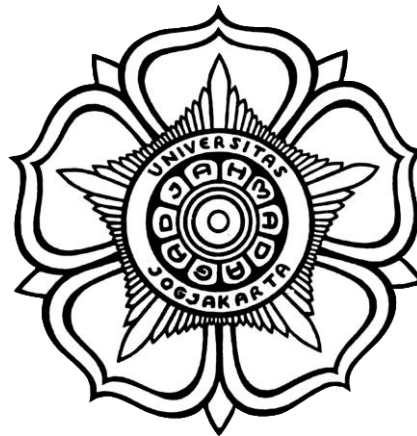


**DESIGN AND IMPLEMENTATION OF NONDESTRUCTIVE
EVALUATION INSTRUMENT FOR ACOUSTICS-BASED PREDICTION
OF WOOD MODULUS OF ELASTICITY AND A METHOD TO ASSESS
THE RECORDED LONGITUDINAL STRESS WAVE**

UNDERGRADUATE THESIS

in partial fulfillment of the requirements
for the degree of Bachelor of Engineering
in Engineering Physics



submitted by

ABDURRACHMAN MAPPUJI

12/329912/TK/39124

to

**DEPARTMENT OF NUCLEAR ENGINEERING
AND ENGINEERING PHYSICS
FACULTY OF ENGINEERING
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