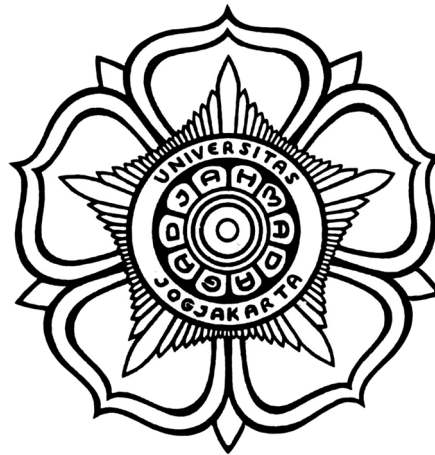


THESIS

**OPTIMIZING TRAIN TRAJECTORY FOR ENERGY-EFFICIENT TRAIN
CONTROL USING RADAU PSEUDOSPECTRAL METHOD
IN LRT JABODEBEK, INDONESIA**

This thesis is submitted in partial fulfillment of the requirements for the degree of the
Master of Science (M.Sc.) at Master Programme in Transport System and Engineering



Written by:

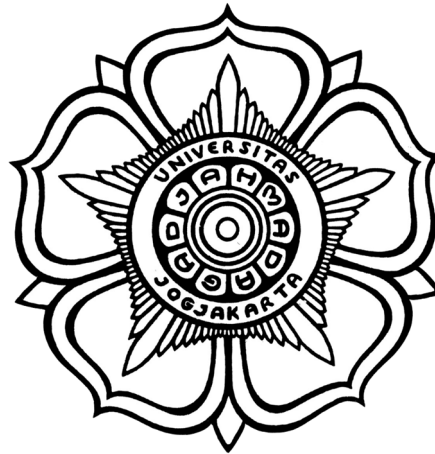
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FACULTY OF ENGINEERING
UNIVERSITAS GADJAH MADA
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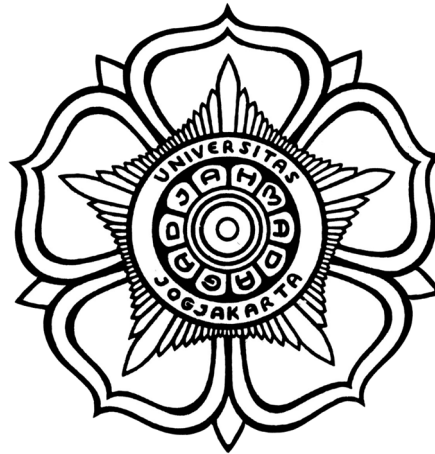
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APPROVAL SHEET

The Supervisory Team Approved the Thesis

OPTIMIZING TRAIN TRAJECTORY FOR ENERGY-EFFICIENT TRAIN
CONTROL USING RADAU PSEUDOSPECTRAL METHOD
IN LRT JABODEBEK, INDONESIA

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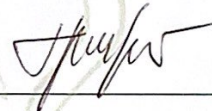


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ACCEPTANCE SHEET

THESIS
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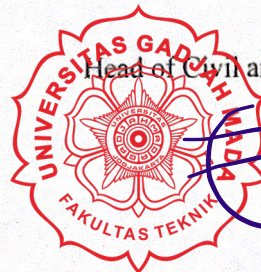
Examiner:

Ir. Latif Budi Suparma, M.Sc., Ph.D.

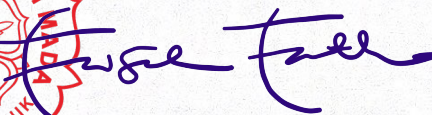
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on



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