

## THESIS

# **Rail Buckling Detection Method: A Comparative Analysis of Technologies for Early Detection**

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



Written by:

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**MASTER PROGRAMME  
TRANSPORTATION SYSTEM AND ENGINEERING STUDY PROGRAMME  
DEPARTMENT OF CIVIL AND ENVIRONMENTAL ENGINEERING  
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## APPROVAL SHEET

The Supervisory Team that approved this thesis

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This thesis has been defended before the Examiners Committee  
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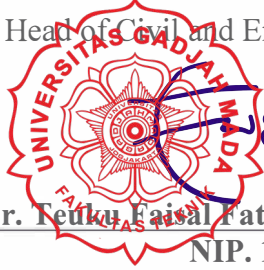
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