

**ANALISIS PERGERAKAN VERTIKAL TITIK PANTAU
JEMBATAN PENGGARON, KABUPATEN SEMARANG,
PROPINSI JAWA TENGAH**

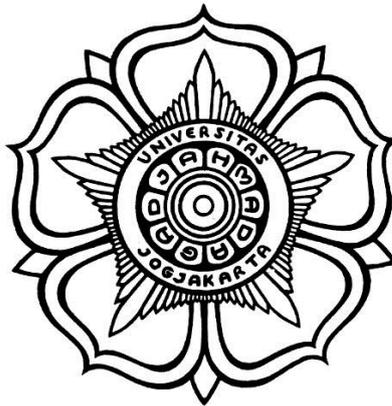
Tesis

Untuk memenuhi sebagai persyaratan

Mencapai derajat Magister

Program Studi Teknik Geomatika

Kelompok Bidang Ilmu Teknik



Diajukan Oleh:

YACOB VICTOR HAYER

14/373943/PTK/09994

Kepada

PROGRAM PASCASARJANA FAKULTAS TEKNIK

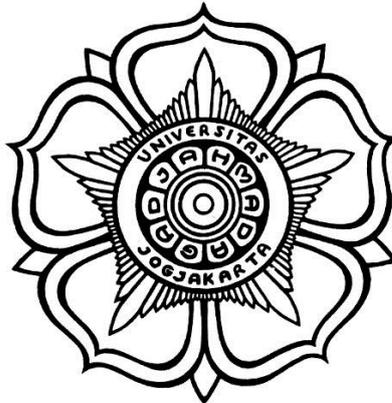
UNIVERSITAS GADJAH MADA

YOGYAKARTA

2016

**VERTICAL MOVEMENT ANALYSIS OF PENGGARON
BRIDGE MONITORING POINTS, SEMARANG REGENCY
CENTRAL JAVA PROVINCE**

POSTGRADUATE THESIS



By:

YACOB VICTOR HAYER
14/373943/PTK/09994

To

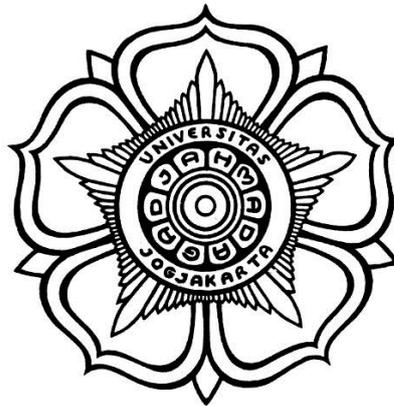
**GEOMATIC ENGINEERING STUDY PROGRAM
POSTGRADUATE PROGRAM FACULTY OF ENGINEERING
UNIVERSITAS GADJAH MADA
YOGYAKARTA**

2016

**VERTICAL MOVEMENT ANALYSIS OF PENGGARON BRIDGE
MONITORING POINTS, SEMARANG REGENCY CENTRAL JAVA
PROVINCE**

POSTGRADUATE THESIS

submitted as a partial fulfillment of the requirements for obtaining the degree of
Magister of Engineering in Geomatics Engineering Study Program



By:

YACOB VICTOR HAYER
14/373943/PTK/09994

To

**GEOMATIC ENGINEERING STUDY PROGRAM
POSTGRADUATE PROGRAM FACULTY OF ENGINEERING
UNIVERSITAS GADJAH MADA
YOGYAKARTA**

2016