

**A DESIGN OF UNKNOWN INPUT OBSERVER FOR ROBUST
OPEN CIRCUIT VOLTAGE ESTIMATION AGAINST
UNCERTAINTY CAUSED BY UNDESIRED HYSTERESIS ON
THEVENIN BATTERY MODEL**

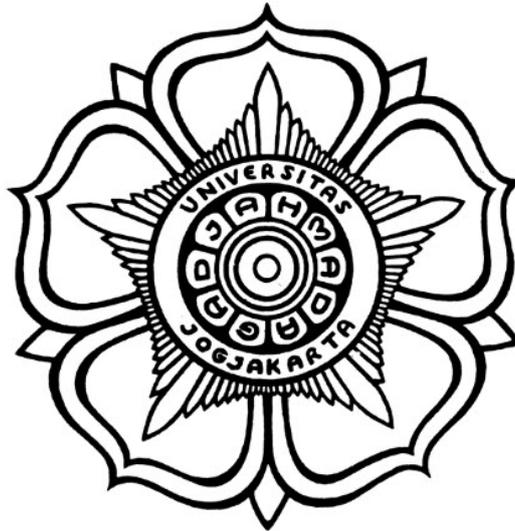
Thesis

submitted in partial fulfillment of the requirements
for the degree of master

Electrical Engineering Graduate Program

Signal and Electronic Systems

Department of Electrical Engineering and Information Technology



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To

**GRADUATE PROGRAM
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