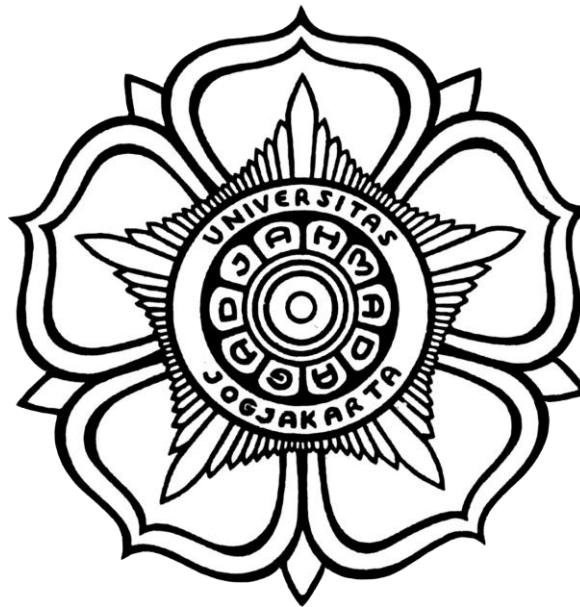


**INTEGRATED POWER FACTOR CORRECTION AND VOLTAGE
FLUCTUATION IMPROVEMENT OF MICROGRID USING
DISTRIBUTION STATIC SYNCHRONOUS COMPENSATOR
(D-STATCOM)**

THESIS



LINGGOM ENRICO CHRISTIAN
14/368765/TK/42587

**ELECTRICAL ENGINEERING MAJOR
DEPARTMENT OF ELECTRICAL ENGINEERING
AND INFORMATION TECHNOLOGY
FACULTY OF ENGINEERING
UNIVERSITAS GADJAH MADA
YOGYAKARTA**

2018