

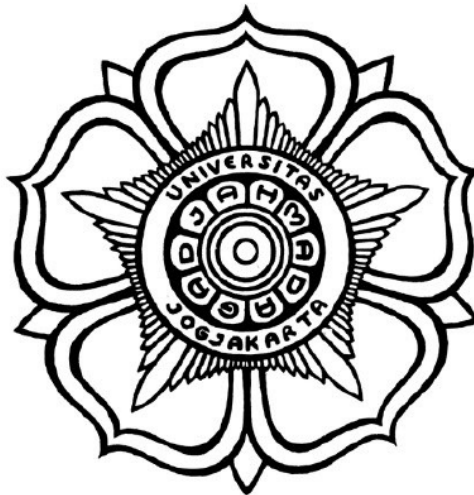
**STATE OF HEALTH ESTIMATION OF LITHIUM ION BATTERY  
USING LIGHTWEIGHT PERCEPTRON EQUIVALENT CIRCUIT  
MODEL**

**Thesis**

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

Master of Electrical Engineering Program

Electrical Engineering  
Department of Electrical Engineering and Information Technology



proposed by

**MUHAMMAD DZAKY ASHIDQI**  
**21/489162/PTK/14244**

To

**GRADUATE PROGRAM**  
**FACULTY OF ENGINEERING**  
**UNIVERSITAS GADJAH MADA**  
**YOGYAKARTA**  
**2023**

**STATE OF HEALTH ESTIMATION OF LITHIUM ION BATTERY USING  
LIGHTWEIGHT PERCEPTRON EQUIVALENT CIRCUIT MODEL**


Written by

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Has been defended in front of the Boad Examiners  
On : **November 29, 2023**

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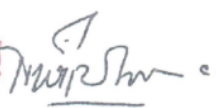
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