



UNIVERSITAS
GADJAH MADA

Pelacak Surya Sumbu Tunggal untuk Panel Surya dengan Analisis Daya dan Biaya

DANIEL KRIS HAMONANGAN SITOMPUL, Ir. Oyas Wahyunggoro, M.T., Ph.D.;Dr.Eng. Ir. Adha Imam Cahyadi, S.T

Universitas Gadjah Mada, 2023 | Diunduh dari <http://etd.repository.ugm.ac.id/>

SINGLE-AXIS SOLAR TRACKER FOR SOLAR PANEL WITH POWER AND COST ANALYSIS

Thesis Defense

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

Master of Electrical Engineering

Electronic Signal System

Department of Electrical Engineering and Information Technology



proposed by

DANIEL KRIS HAMONANGAN SITOMPUL

20/467318/PTK/13379

to

**GRADUATE PROGRAM
FACULTY OF ENGINEERING
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YOGYAKARTA**

2023



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THESIS

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Has been defended in front of the Boad Examiners

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