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Drs. Hasdari Helmi Rangkuti, M.T. was born in Tebing Tinggi on November 30, 1959, and is a lecturer in Electrical/Microelectronic Engineering at Universitas Sumatera Utara. He completed a Master's Program in Electrical Engineering at the School of Electrical Engineering and Informatics of ITB in 1991. He received the Piagam Tanda Kehormatan Presiden RI 10 tahun and the Piagam Tanda Kehormatan Presiden RI 20 tahun awards.

Publications

2015

Makalah ilmiah

Daya Output Optimal pada Jenis Solar Cell Monocrystalline dan Polycrystalline

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2022

Makalah ilmiah

Feeder Load Splitting to Increase Power Distribution Performances

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2022

Makalah ilmiah

Solar Tracker Design On Solar Panel For STM32 Microcontroller Based On Battery Charging System

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2022

Makalah ilmiah

Design of Trash can collector robot using a microcontroller-based color sensor

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2022

Makalah ilmiah

implementation of Outdoor to Indoor Path Loss Model at 1.8 GHz and 2.1 GHz with a Transmitter Placed on Top on The Building

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2023

Makalah ilmiah

ATS and AMF system design for solar cell, Genset. and PLN at 2200 Watt household load

HASDARI HELMI RANGKUTI

2024

Jurnal nasional

Studi Perencanaan PLTMH Dengan Menggunakan Electronic Load Controller Sebagai Penstabil Frekuensi, (Penelitian Di Sungai Siboli-Boli Dusun Siboli-Boli Desa Huta Bagasan Kabupaten Asahan)

HASDARI HELMI RANGKUTI

2023

Prosiding seminar nasional

Analisis pdayagunaan UPS 60 kVA pada Air Traffic Control di Bandara Sulthan Taha Jambi

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Researches

2015

Penelitian Hibah Bersaing

ANALISA PEMANFAATAN ENERGI MATAHARI (SOLAR CELL) DI SUMATERA UTARA

SYAHRAWARDI , HASDARI HELMI RANGKUTI

Community Services

2024

Pengembangan Pendidikan Dakwah

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