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Soeharwinto is a lecturer in Electrical Engineering at Universitas Sumatera Utara. He completed a Master's Program in Electrical Engineering at the Faculty of Industrial Technology of ITB in 1998.

Publications

2025

Prosiding seminar internasional

Comparative Analysis of Robotic and Water-Based Cleaning Systems for Solar Panels: Performance and Economic Feasibility

FERRY RAHMAT ASTIANTA BUKIT , SOEHARWINTO , RISWAN DINZI , ALWI DWI CAHYO

2024

Prosiding seminar internasional

IoT and Data Management System-Based Smart Incubator to Reduce Neonatal Mortality Rate

MUHAMMAD FARRAS AL-KHAIRY , KURNIAWAN SIDDIQ , RIZKY DWI FAUZAN SAT , RIDHO SETIAWAN , LAILANI SABRINA , RYANDIKA AFDILA , SOEHARWINTO

2023

Prosiding seminar internasional

Design of Automatic Guitar Tuner using 8-bit Microcontroller

SOEHARWINTO , TIGOR HAMONANGAN NASUTION , FAHMI , LONGSER TAMPUBOLON

2021

Prosiding seminar internasional

Re-programming Electronic Control Unit for Increase Torque and Power a Motorcycle

SOEHARWINTO , IDHAM KAMIL , FERRY FACHRIZAL

2021

Tulisan ilmiah

Impact humidity monitoring based watering to planted tomatoes

SOEHARWINTO

2020

Tulisan ilmiah

Software engineering taxonomy reviews

SOEHARWINTO

2020

Tulisan ilmiah

Node-based versus Server-based Data Validations in Internet of Things

SOEHARWINTO

2020

Tulisan ilmiah

Node-based versus Server-based Data Validations in Internet of Things Node-based versus Server-based Data Validations in Internet of Things

SUHERMAN , SOEHARWINTO , NAEMAH MUBARAKAH

2019

Prosiding seminar internasional

Evaluation of Proximate Composition and Color of Rabbit Feed with Combinations Moringa Leaves Flour and Guava Leaves Flour

MOHAMMAD BASYUNI , HIMSAR AMBARITA , NURZAINAH GINTING , SOEHARWINTO , ZAHARI ZEN

2019

Prosiding seminar internasional

Designing an IoT system for monitoring and controlling temperature and humidity in mushroom cultivation fields

SOEHARWINTO , TIGOR HAMONANGAN NASUTION , FAHMI , MUHAMMAD YASIR

2019

Tulisan ilmiah

Fiber Optic Trainer for Link Budget Measurement Tool in Optical Communication System

SOEHARWINTO

2019

Prosiding seminar internasional

Benchmarking of Wireless Microcontroller-based Three Phase Multi Meter with Industrial Standard Instrument

SOEHARWINTO , TIGOR HAMONANGAN NASUTION , STIF AGRATH , Zulkarnaen Pane

2018

Prosiding seminar internasional

Inventory and projection of greenhouse gases emissions for Sumatera Utara Province

SOEHARWINTO , HIMSAR AMBARITA , NURZAINAH GINTING , MOHAMMAD BASYUNI , ZAHARI ZEN

2018

Prosiding seminar internasional

Inventory and Projection of Greenhouse Gases Emissions for Sumatera Utara Province

HIMSAR AMBARITA , NURZAINAH GINTING , ZAHARI ZEN , SOEHARWINTO

2018

Tulisan ilmiah

Design of river height and speed monitoring system by using Arduino

SOEHARWINTO , TIGOR HAMONANGAN NASUTION , ESRA CHRISTIAN , Kasmir Tanjung

2013

Tulisan ilmiah

MPLS Traffic Engineering on Tera Router Network using DWDM Transport Technology: a Study on Telkom's Speedy Traffic

SOEHARWINTO

Researches

2024

Penelitian Fundamental

Pengembangan Sistem Informasi Perdagangan Karbon Untuk Sektor Transportasi

SOEHARWINTO , RYANDIKA AFDILA , EMERSON PASCAWIRA SINULINGGA , RIDHO SETIAWAN

2021

Penelitian Dana Lokal Perguruan Tinggi

Arsitektur Aplikasi Berbasis Blockchain Untuk Perguruan Tinggi Indonesia

FAKHRUDDIN RIZAL BATUBARA , SOEHARWINTO
