

AN IMPROVED PERTURB AND OBSERVE (P&O) BASED ON REINFORCEMENT LEARNING FOR MAXIMUM POWER POINT TRACKING IN PHOTOVOLTAIC SYSTEM

A THESIS SUBMITTED TO
THE SCHOOL OF ELECTRICAL ENGINEERING

BY

ERNANDO RIZKI DALIMUNTHE

2101202071



IN PARTIAL FULFILLMENT OF THE REQUIREMENTS FOR THE DEGREE
OF
MASTER OF ENGINEERING
IN
THE SCHOOL OF ELECTRICAL ENGINEERING

**TELKOM UNIVERSITY
2023**