YOLO V5 OUTPUT REFINEMENT VIA KALMAN FILTERING AND VOTING-BASED POLLING TO REDUCE CLASS INSTABILITY IN VIDEO OBJECT DETECTION

A THESIS SUBMITTED TO THE SCHOOL OF COMPUTING

BY

GALAXY

2301221018



IN PARTIAL FULFILLMENT OF THE REQUIREMENTS FOR THE DEGREE OF
MASTER OF INFORMATICS
IN
THE SCHOOL OF COMPUTING

TELKOM UNIVERSITY 2025