Sudan University of Science and Technology College of Engineering School of Electronics Engineering



Autonomous Navigation in Dynamic Environments: Implementation in a Quadcopter Platform

A Research Submitted in Partial fulfillment for the Requirements of the

Degree of B.Sc. (Honors) in Electronics Engineering

Prepared By:

- 1. Abdullah Nouraldaim Fathalrhman(Telecommunication)
- 2. Altayeb Alhadi Ahmed Osman (Industrial Electronics)
- **3. Mohammed Abdalla Idres** (Computer and Networks)
- 4. Mohammed Abdulwahab Sid-Ahmed (Industrial Electronics)

Supervised By:

Dr. Rania A. Mokhtar