بسم الله الرحمن الرحيم

SUDAN UNIVERSITY OF SCIENCE AND TECHNOLOGY COLLEGE OF GRADUATE STUDIES

DESIGN AND IMPLEMENTATION OF VIDEO TRACKING SYSTEM BASE ON CAMERA FIELD OF VIEW (CFOV)

تصميم منظومة التتبع البصري وتنفيذها باعتماد مجال رؤية الكاميرا

A THESIS SUBMITTED AS FULFILLMENTS REQUIRMENTS OF THE DEGREE OF M.Sc. IN PHYSICS

BY:

Hassan El-paseri E. El-taher

Supervisors

Dr. Kasim M. Al-hity

And

Dr. Mubarak El-Mahal