بسم الله الرحمن الرحيم

SUDAN UNIVERSITY OF SCIENCE AND TECHNOLOGY COLLEGE OF GRADUATE STUDIES

A NEW TECHNIQUE FOR THE DESIGN OF A COMPENSATOR FOR BRUSHLESS DC MOTORS

A Thesis Submitted in Partial Fulfillment to the Requirements for the Degree of M.Sc. in Electrical Engineering (Control)

Prepared by:

Sawsan Mohammed Ali

Supervised by:

Dr. Awadalla Taifour Ali