



**ARAB ACADEMY FOR SCIENCE, TECHNOLOGY & MARITIME
TRANSPORT**

**College of Engineering and Technology
Department of Mechanical Engineering**

**ACTUATOR SPEED CONTROL IN ELECTRO-
HYDRAULIC SYSTEMS**

By

MINA ADEL WASFY PASCAL

A thesis submitted to AASTMT in partial

Fulfilment of the requirements for the award of the degree of

MASTER OF SCIENCE

In

MECHANICAL ENGINEERING

Supervised by

Prof. Dr.

Ramadan Mohamed Taher

Mechatronics Department

Arab Academy for Science and Technology

Ass. Prof. Dr.

Ahmed Abou El-Azm

Mechanical Power and Energy
Department

Military Technical College

2015