

SUDAN UNIVETSITY OF SCIENCE AND TECHNOLOGY



SIMULATION OF INTERNAL BALLISTIC SOLID ROCKET MOTOR

محاكاة الباليستية الداخلية للمحركات الصاروخية ذات الوقود الصلب

**A THESIS SUBMITTED TO THE COLLEGE OF
GRADUATE STUDIES AND SCIENTIFIC RESEARCH IN
PARTIAL FULFILLMENT OF THE REQUIREMENTS
FOR THE DEGREE OF DOCTOR OF PHILOSOPHY IN
MECHANICAL ENGINEERING (POWER)**

By

**Magdi Abdelrazig Elhag Mohamed
(B.Sc & M.Sc Mechanical Engineer)**

Supervisor:

Dr. Mohammed Altayeb Mansour

June - 2018

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TECHNOLOGY**
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BY: Magdi Abdelrazig Elhag Mohamed

This thesis has been approved and accepted in partial fulfillment of the requirements for the degree of doctor of philosophy (Ph. D) in Mechanical Engineering (Power).

Examination Committee

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Date: \ \ 2018

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Date: \ \ 2018

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Signature

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Date: \ \ 2018

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In my capacity as supervisor of the candidate's thesis, I certify that the above statements are true to the best of my knowledge.

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