

بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ

**Sudan University of Science and Technology
College Of Graduate Studies**

**Performance Characteristics of A turbo
Charged Engine with E G R**

**خصائص أداء المحرك ذو الشاحن التوربيني مع
إضافة غاز العادم**

*A thesis submitted in partial fulfillment of the requirement for
the degree of Master of Science in Mechanical Engineering
(Power)*

By

Eihab Abdelraouf Mustafa Omer

Supervised by

Prof. Dr. Sabir M Salih

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صدق الله العظيم

الرحمن الآيات (1 - 5)

To My Mother and My Father
On Their Best Upbringing
To My Wife and My Children
On Their Forbearance
To All Mechanical Engineers