Tribological Study for a New Designed Axial Engine by using CAE

A Thesis Submitted In Partial Fulfillment for the Requirements of the Degree of M.Sc in Mechanical Engineering

Presented By:
Nasreldin Alzain Abdellatif

Supervised By:
Dr. Ali Mohamed Ali Elseory

July 2010
قال تعالى:

(وَعَلِمْ آدَمَ الأَسْمَاءِ كُلَّهَا ثُمَّ غَرَّضُهُمْ عَلَى
الْمَلَائِكَةِ فَقَالُوا أَنَبِئُنَا بِأَسْمَاءِ هَؤُلَاءِ إِن
كُنْتُمْ صَادِقِينَ * قَالُوا سَلَّمَنَا اللَّهُ وَرَحْمَتُهُ
مَا عَلِمْتَنَا إِلَّا أَنَّ اللَّهَ الْعَلِيمُ الحكِيمُ)

صدق الله العظيم

سورة البقرة آية (31 و 32)
Dedication

To our:

****Parents.

***Helpful brothers and sisters.

**Best friends and colleagues.

*and to every body helped us.
Acknowledgement

For trying to keep us going in straight lines, I need to thank my parents "Mums and Dads", those whom have an almost magical ability to turn me thoughts into words by their continuous encouragement and attention.

I also need to deeply thank our supervisor Dr. Ali Mohamed Ali Alsearoy for his concise, dedicated comments. It's no small accomplishment, and I applaud his patience and dedication to me vision, thanks!

Thanks also to everyone who help us to achieve.