

بسم الله الرحمن الرحيم



Sudan University of Science & Technology
College of Graduate Studies

Analysis of Torsional Vibration In Rotating Machine

تحليل الإهتزازات الإلتوائية في الأليات
الدوارة

Thesis Submitted in Partial Fulfillment for the Requirements of
Master Degree (M.Sc.) in Mechanical Engineering

Prepared by:

Ammar Abdelrhim Elnour Khalifa

Supervised by:

Dr. Tag Elsir Hasn Hassan

April - 2012

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