

Sudan University of Science and Technology
College of Graduate Studies

**Transient Stability Improvement by Using
Static Synchronous Compensator**

تحسين الاستقرار العابرة باستخدام المعوض التزامني الساكن

**Dissertation Submitted in Partial Fulfillment to the Requirements for
the Degree of M.Sc. in Electrical Engineering (Power)**

Prepared by:
Motaz Musa Ibrahim Mahil

Supervised by:
Dr. Abdelaziz Yousif Mohamed Abbas

January 2016