

بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ

**SUDAN UNIVERSITY OF SCIENCE AND
TECHNOLOGY
COLLEGE OF GRADUATE STUDIES**

**Effect of Adding PID Controller in
Khartoum North Power Station (Unit One)**

A thesis submitted for partial fulfillment for the requirements for
the Degree of Master of Science in Electrical Engineering
(Microprocessors and Electronic Control).

By:
GAFAR IBRAHIM ABULGASIM
B.S.c. (Elect. Eng.)

Supervisor:
USTAZ\ ABDALLAH SALIH ALI

September 2005

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CHAPTER ONE

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CHAPTER TWO

STABILITY AND POWER CONTROL

CHAPTER THREE

POWER SYSTEM CONTROL

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RESULTS AND CONCLUSION