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بسم اللّه الرحمن الرحيم

مركز الشبكات وتكنولوجيا المعلومات

قسم التوثيق الإلكتروني

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جامعة عين شمس

التوثيق الإلكتروني والميكروفيلم

قسم

نقسم باللّه العظيم أن المادة التي تم توثيقها وتسجيلها

علي هذه الأقراص المدمجة قد أعدت دون أية تغيرات

Salwa Akl

بعض الوثائق الأصلية تالفة
وبالرسالة صفحات لم ترد بالأصل

SEISMIC BEHAVIOR OF LOW-TO-MODERATE RISE REINFORCED CONCRETE BUILDINGS

by

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A Thesis Submitted to the
Faculty of Engineering, Cairo University
In Partial Fulfillment of the
Requirements for the Degree of
DOCTOR OF PHILOSOPHY
IN
CIVIL ENGINEERING (STRUCTURES)

Under the Supervision of

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FACULTY OF ENGINEERING
CAIRO UNIVERSITY, GIZA, EGYPT
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GIZA, EGYPT
JUNE, 2002

DEDICATED TO

My Dear Mother

My Dear Wife

and

My Daughter

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