بسم الله الرحمن الرحيم

MONA MAGHRABY

شبكة المعلومات الجامعية

التوثيق الالكتروني والميكروفيلم

MONA MAGHRABY

شبكة المعلومات الجامعية

التوثيق الإلكتروني والميكروفيلم

جامعة عين شمس

التوثيق الإلكتروني والميكروفيلم

قسم

نقسم بالله العظيم أن المادة التي تم توثيقها وتسجيلها
علي هذه الأقراص المدمجة قد أعدت دون أية تغيرات

يجب أن

تحفظ هذه الأقراص المدمجة بعيدا عن الغبار

MONA MAGHRABY

ASSESSMENT OF CONTROLLING NOISE THROUGH SIMULATION

(CASE STUDY: PRIMARY NATIONAL SCHOOLS AT CAIRO)

By

Nerveen Tarek Lotfy Badr Soliman

A Thesis Submitted to the
Faculty of Engineering at Cairo University
in Partial Fulfillment of the
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MASTER OF SCIENCE
in
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Title of Thesis :

ASSESSMENT OF CONTROLLING NOISE THROUGH SIMULATION (CASE STUDY: PRIMARY NATIONAL SCHOOLS AT CAIRO)

Key Words:
Schools, acoustics quality, reverberation time, noise measurements and noise control.

Summary:

Schools are primary place for learning. Most of studies approved environment quality and increased noise level especially at badness of acoustics national schools. Here comes the role of research, it assesses the acoustics quality at classrooms and controlling noise. In order to set principles design help architects through design phase. Principles can determine by measuring sound levels at samples of schools. They located at different location at Cairo. Then simulate schools at Rhino software and pachyderm plug in acoustics. In order to improve the exciting schools and get a qualified acoustics environment with suitable potentials.

Disclaimer

I hereby declare that this thesis is my own original work and that no part of it has been submitted for a degree qualification at any other university or institute.

I further declare that I have appropriately acknowledged all sources used and have cited them in the references section.

Name: Nerveen Tarek Lotfy Badr Date: ../.. / 2021

Signature:

Dedication

I would like to dedicate my thesis

To my beloved grand father

May your soul

Rest in peace

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