



شبكة المعلومات الجامعية
التوثيق الإلكتروني والميكروفيلم

بسم الله الرحمن الرحيم



MONA MAGHRABY



شبكة المعلومات الجامعية
التوثيق الإلكتروني والميكرو فيلم



شبكة المعلومات الجامعية التوثيق الإلكتروني والميكرو فيلم



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جامعة عين شمس

التوثيق الإلكتروني والميكروفيلم

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MONA MAGHRABY



Cairo University

**A COMPREHENSIVE STUDY OF GATED
COMMUNITIES TO EXCEL SOCIO-CULTURALLY,
SPATIALLY, ENVIRONMENTALLY, AND
ECONOMICALLY**

By

Ahmed Hisham Ahmed Mohamed Ahmed Salem

A Thesis Submitted to the
Faculty of Engineering at Cairo University
in Partial Fulfillment of the
Requirements for the Degree of
MASTER OF SCIENCE
in
Architectural Engineering

FACULTY OF ENGINEERING, CAIRO UNIVERSITY
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Under the Supervision of

Dr. Tarek Ibrahim Nasreldin

.....
Associate Professor
Department of Architecture
Faculty of Engineering, Cairo University

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Approved by the
Examining Committee

Assoc. Prof. Tarek Ibrahim Nasreldin, Thesis Main Advisor

Prof. Emer. Hisham Sameh Hussein Sameh, Internal Examiner

Assoc. Prof. Indjy M. Shawkat, External Examiner
- Architectural Eng. Dept. at Modern Academy for Engineering and Technology

FACULTY OF ENGINEERING, CAIRO UNIVERSITY
GIZA, EGYPT
2021

Engineer's Name: Ahmed Hisham Ahmed Mohamed
Ahmed Salem
Date of Birth: 1/12/1992
Nationality: Egyptian
E-mail: ahmed.salem92@hotmail.com
Phone: 01225213338
Address: 20A, Nerco buildings, Maadi
Registration Date: 1/3 /2019
Awarding Date: / / 2021
Degree: Master of Science
Department: Architectural Engineering



Supervisors:

Assoc. Prof. Tarek Ibrahim Nasreldin

Examiners:

Assoc. Prof. Tarek Ibrahim (Thesis main advisor)
Prof. Emer. Hisham Sameh (Internal examiner)
Assoc. Prof. Indjy M. Shawkat (External examiner)
(Arch. Dept., Modern Academy for Engineering and Technology)

Title of Thesis:

**A Comprehensive Study of Gated Communities to excel Socio-Culturally,
Spatially, Environmentally, and Economically**

Key Words:

Gated communities; Urban segregation; Key participants' motives; Design guidelines;
Urban continuity

Summary:

The goal of this study is to design gated communities efficiently so that to decrease their bad impact on the urban fabric. This research is based on a matrix and a legend that are generated after analyzing the literature review. This matrix shows the impact of the GCs' participants socio-culturally, spatially, environmentally, and economically. The legend is used as a tool to analyze the GCs. Scoring of the matrix is produced from the questionnaire that is filled by experts in the field. There are three case studies of GCs that are chosen to be analyzed in the matrix. Results from the questionnaire generated two matrices. The first one is for the current status situation and the other is the should-be status. It has been shown that the results produced from the should-be status are more professional and express the impact of the selected GC on the urban structure.

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: Ahmed Hisham Salem Date: ../../ 2021

Signature:

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