



شبكة المعلومات الجامعية
التوثيق الإلكتروني والميكرو فيلم

بسم الله الرحمن الرحيم



HANAA ALY



شبكة المعلومات الجامعية
التوثيق الإلكتروني والميكروفيلم



شبكة المعلومات الجامعية التوثيق الإلكتروني والميكروفيلم



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جامعة عين شمس التوثيق الإلكتروني والميكروفيلم

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HANAA ALY



Ain Shams University
Faculty of Engineering
Department of Architecture

Informing Design with Human Behavioral Data Method for Shaping and Reshaping the Design Studio

A Thesis submitted in Partial Fulfillment
of the Requirements of the

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By Architect

Manar Mohammed Hassan

Lecturer in Department of Architecture Ain Shams University
M.Sc. Architecture - Ain Shams University, 2010

Senior Advisor

Prof. Dr. Yasser Mohamed Mansour

Professor of Architecture
Faculty of Engineering - Ainshams University

Advisor

Dr. Hossam Mahmoud Massoud

Associate Professor of Architecture
Department of Architecture,
Faculty of Engineering - Ainshams University

Cairo, Egypt
2022



Ain Shams University
Faculty of Engineering
Department of Architecture

Name: Manar Mohammed Hassan Hussein

**Title: Informing Design with Human Behavioral Data
Method for Shaping and Reshaping the Design Studio**

Degree: Doctorate Degree in Architecture Engineering

The Jury Committee:

Professor Dr. Ahmed Faried Hamza

Professor of Architecture
Faculty of Engineering - Benha University

Professor Dr. Shaimaa Mohamed Kamel

Professor of Architecture
Faculty of Engineering - Ain Shams University

Professor Dr. Yasser Mohamed Mansour

Professor of Architecture
Faculty of Engineering - Ain Shams University

Post Graduate studies

Approval stamp

.../.../....

Faculty Council Approval:

.../.../....

The Research was approved on

.../.../....

University Council Approval:

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DISCLAIMER

This thesis is submitted as partial fulfillment of doctorate degree in Architecture, Faculty of Engineering, Ain Shams University.

The work included in this thesis was carried out by the author, and no part of it has been submitted for a degree or qualification at any other scientific entity.

The candidate confirms that the work submitted is his own and that appropriate credit has been given where reference has been made to the work of others.

Name: Manar Mohammed Hassan Hussein

Signature:

Date:

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ABSTRACT

The design studio is the core of arts and architecture education. It has a specific nature that contrasts any classroom or lecture hall as it fosters various activities including reflective practices, individual works, groupworks, active workshops, and galleries. This raises the demand to develop an approach for conceptualizing human behavioral and social encounters taking place within the context of the design studio for informing design and achieving better fit between users and the physical studio settings.

Today, there is an urgent need to supply local designers and practitioners with procedures and practices of acquiring and understanding Human behavior for informing design, thereby guaranteeing a higher quality of life in the built environment. Behavioral and social sciences have used to be the only source of inquiring for and understanding Human behavior. This study proposes an environment behavior research approach for guiding researchers and practicing designers to use environment behavior research for conceptualizing Human and Social behavior within the context of the design studio.

This study discusses the role and the implementation of environment behavior research in architectural design praxis for shaping and reshaping the design studio. This is attained through introducing relevant architectural design approaches that employ environment behavior research, and relevant research methodologies and theoretical perspectives dedicated for acquiring human behavioral information for informing architectural design praxis. An approach is formulated for guiding architects for conceptualizing user-settings transactions taking place within the context of the design studio that is explained thoroughly and applied on a selected design studio from the department of Architectural engineering in Faculty of Engineering in Ain Shams.

Keywords

Environment Behavior research, Design Informed, Human Behavior, Human-Environment Transactions, User Settings Transactions, Design research, Architectural Design Praxis, Designed Context, Design Studio, Human and Social Behavior, Activity Systems, Human Environment Optimization.

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