



AIN SHAMS UNIVERSITY

Department of Architecture

# THE SKETCH AND THE DESIGN PROCESS

THROUGH THE SECOND HALF OF THE

20TH CENTURY (1950-2009)

(A COMPARATIVE ANALYTICAL STUDY)

By

**Tarek Mahmoud Hanafi Ahmed**

Thesis Submitted to the Department of Architecture  
In partial fulfillment of the requirements for the degree of  
Doctor of Philosophy in Architecture  
Ain Shams University  
**2012**

Under the Supervision of

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## **DEDICATION**

I hereby dedicate this humble piece of work to my family, my most precious wife Iman Salah, my mom and dad, my mother-in law and my father-in law and my children Sarah, Yahia and Adam.

My wife was there for me all through the long and rough road of acquiring the degree. She gave me the care, the love and the support. She helped me concentrate and end the thesis.

I've always dreamed to become as close as I could to my father. The image of the respectful professor has always motivated my growth. My mom and dad always pushed me to continue and finish this dissertation, they have always believed in me.

The warmth I felt from my mother-in-law and my father-in-law encouraged me and helped me pass some tough moments. My children were more than a motivation for me to work; their smiles took me out of my depression and gave me the strength to continue this thesis.

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