



Cairo University

**METHODOLOGY FOR SELECTING THE MOST
SUITABLE BUILDING TECHNOLOGY SYSTEM IN
EGYPT**

**"BASES & DETAINMENTS FOR TRANSPORTATION, ADAPTATION
AND LOCALIZATION"**

By

Ismail Mohamed Gamal El Din Anis

A Thesis Submitted to the
Faculty of Engineering at Cairo University
in Partial Fulfillment of the
Requirements for the Degree of
DOCTOR OF PHILOSOPHY
IN
ARCHITECTURAL ENGINEERING

FACULTY OF ENGINEERING, CAIRO UNIVERSITY
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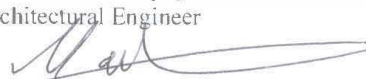
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Title of Thesis:

**METHODOLOGY FOR SELECTING THE MOST
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Key Words: Building Technology, Construction systems, Resources development, Adaptation process, localization process

Summary :

Egypt one of the countries received the building technology through different ways of transport. However, when these techniques began to apply directly, so many problems had appeared. As a result of wrong choice of suitable technique, or for non-completed studies for what these techniques required. In addition, there are some modifications has to be done sometimes for new technique in order to accommodate it to local conditions. On the other side modifications process faces difficulties due to lack of local facilities and /or the different conditions of proceed. These techniques having ability to change or modify to suit with local conditions but others not so maybe at sometimes choosing different type or technique is much better than depending on one can't accommodate to local conditions or can't be modified. Also, localization becomes the last stage in which new technique is going to be applied easily and popular after modifications stage. Thus, the architectural concept has researched how to find bases and determinants for Transportation, Adaptation and localization of building techniques.

Acknowledgment

This achievement becomes a reality with the kind support and help of many individuals. I would like to extend my sincere thanks to all of them.

Foremost, I want to offer this endeavor to our God Almighty for the wisdom he bestowed upon me, the strength, peace of mind and good health in order to finish this degree.

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My thanks and appreciation also goes to my colleague and people who have willingly helped me out with their abilities.

DEDICATION

I dedicate this work to my Mom and Dad, my brother Karim and My sister Eman, Who offered unconditional love and support and have always been there for me.

I could never have done this without your faith, support and constant encouragement. Thank you for teaching me to believe in myself, in God and in my dreams.

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