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Topic: Architecture

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**Paper: Generative type in Mosque Architecture
Mechanisms of Generating new Mosques Models**

Abstract:

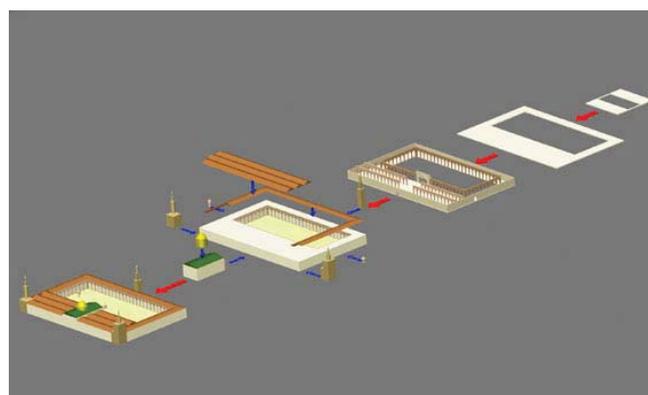
Mosques are one of the religious buildings which reflected by its designs and diverse forms the high degree of civilized interaction between cultural values and concepts of Islam and the architectural heritage of the various countries, where the Mosques are built in, this interaction assist in giving birth to mosques models characterized by its unity and diversity of forms in each region and elsewhere in the Islamic world. This unity and diversity was caused by the emergence of these models, from one generative pattern (AL-Masjid AL-Nabawy) the Mosque of the prophet Muhammad in Al-madina, which represents by his design characteristics (plans, its general and detailed components, materials of building and its construction system, and decorative, and ornamental treatments), the basis which the rest of the mosques models in the Islamic world consist of.

It is assumed that the occurrence of operations for generative models from the pattern mentioned referred to using a variety of methods and mechanisms, which will be try to investigated in this research through a process of formal analysis of these models and compared with the first generative pattern.

A selection for a intentional sample was made by a group of mosques models return to different parts of the Islamic world and different periods, these samples was used for the process of formal analysis comparison with first generative pattern.

The choosing of these sample based on the fame of the buildings, the abundance of Documentation information’s of the buildings, end the fact that it represent a new models delivered from the first generative pattern.

The research is concluded by referring to a group of methods and mechanisms which was used to achieved the birth operations for the mosques models, In addition of identification the percentage of each mechanisms and determined the mechanism with the higher use, which will give clear indication for the designers about the most important mechanisms in the birth operations of the new mosques models.



Keywords:

Mosque, Models, Type, Islamic, generative, Architecture, Religious