

The biogeometry philosophy to innovate modern furniture with an Islamic identity

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Abstract:-

The Islamic civilization considered as a source of nation's inspiration, Islamic architectural and decorative legacy is an icon of creativity. In which the Islamic decoration involve a lot of philosophic aspects and implicit messages. The Muslim designers depended on abstraction for allusion without the declaring, depending on the compound symbolism of signifier and signified. In which the signifier is the physical existence and the signified is the mental concept. Bio geometry analyses shapes and elements based on the same philosophy as same as the idea of numerical repetition in sending an implicit message for each repetition. The Muslim designers didn't use the decorative shapes and numerical repetition randomly, but they had chosen the suitable one for the nature of the architectural block and the function of the internal spaces. That's what would be highlighted by the study of Moayd Shiekh mosque entrance analysis and the way of benefiting from decorative shapes and numerical repetition with what it bears of implicit meanings in the designing of contemporaneous furniture with Islamic identity. From the viewpoint of energetics, this study led to the creation of three furniture designs based on the analytical studies for Moayd Shiekh mosque.

Key Words:-

Biogeometry – Modern Islamic Design – innovate - identity