

Inspiration from nature to emphasize the contemporary Islamic architecture in Egypt

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Research Summary:

A big number of architects and designers in Egypt agreed to make a use of glass in architecture to get the heritage back with a modern vision . including all the different specifications of the glass than any other materials like transparency and color and easy formation by lead or gypsum or any other modern materials which make a great development in openings designing style & glass interfaces , and as our Egyptian Contemporary architecture has a trouble in the designing style which consider a part of an international trouble faces the architecture all over the world " western & eastern " wasted the Egyptian architecture it's featured character through the different era , So we have to think how to get back our Egyptian Contemporary architecture with solutions confirm the Egyptian character using technology & and originality in the artistic and architectural thought.

The research discussed the style of architecture and Islamic Arts in Egypt and which of their values still valid in our time and from it's elements we derived a new thinking for the openings & contemporary architectural interfaces , **and that for many reasons like :**

1- Islamic eras architecture in Egypt took the suitable for it and develop it with what not in conflict with the Islamic faith m and continued till now suitable for the date m place and people , and nothing interrupt it unless the Western societies regarding the Colonization days which left it is stamps in out Islamic architecture and take us away from our architectural identity.

2- Emphasize that by adding the suitable advanced technology to the Egyptian glass to show the artificial values which suits the Egyptian society in changing & design .

For this research finds that the architecture in the Islamic eras really needs search , study and extract it's architectural values and the application of good ones in the design of openings & contemporary architectural interfaces . . Not forgetting the advanced technological aspects in the glass which could be introduced in line with our capabilities and economic circumstances in the design.

search problem:

emphasize the benefit of the Islamic heritage in designing the contemporary architectural interfaces in Egypt .

The research goal :

- find the decorative and fine art ties in designing the architectural interfaces by using the advanced technology in glass which suits the Egyptian environment .

- Research steps :

- Get technical and technological information for interfaces in Islamic architecture that can be used in the design of modern architectural facades.

- Developing elements of nature confirms the Islamic character to come to the ideas of modern architectural design of facades.
- Get the results of designing architecture contemporary design can be applied in Egypt.