

The influence of interactive design on architectural thought for contemporary architecture glass

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Abstract:

After the scientific development that was the result of studies carried out by many researchers and scientists, there were new concepts that included all fields of scientific knowledge, so the old principles and what were referred to them for postulates were replaced by new concepts that are more accurate, objective and compatible with the requirements of the age, as the beginning of the emergence of what is known as interactive design in The late eighties of the twentieth century, and it was originally called (soft face), then the term was later reformulated to interactive design, especially as we live in an era of globalization, the new world order, the information revolution and the tremendous technological advancement enjoyed by Western countries.

So there has become a great interest in research to consolidate the relationship between interactive design and the computer as one of the technological products most closely related to interactive design, due to the direct relationship between the computer and the user and the extent of interaction between them. Creative, cultural, and scientific and the extent to which this affects the recipient.

Whereas, the interaction process is one of the most important requirements that start with the beginning of the design idea and remain in place to achieve communication between the design and the recipient in the framework of achieving its usage requirements.

In light of technological progress and with the expansion of the employment of advanced technology to suit the continuous development in the functional characteristics of the various and advanced uses of glass, the need for advanced technology and new types of glass, which is reactive glass, has emerged, which makes it usable in many industrial and advanced technological fields such as "areas of architecture such as architectural facades." It can also be used in interior architectural elements.

Hence, the research tries to emphasize the application of advanced technology to interactive glass in contemporary architecture internally and externally, and to show the role of glass designers and architects in their interaction with modern technology, which affects their design ideas with a contemporary vision.

Keywords:

Interactive design ‘architectural thought ‘contemporary architecture