Integration of the Aesthetic and Functional aspects of Hanging Design Printed Textile in the light of Interactive Technology

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Abstract:
The nascent idea in the spirit becomes a subject of a utilitarian idea in the search since ancient times, and coordinated what can be exploited and benefited from it, as the ancient Egyptian considered the inscriptions and drawings on the walls of the caves aimed at entering under the protection system in the spiritual. Therefore, textile printing designers searched for the industrial zone for new technological techniques that accompany us in our daily lives. Hence the research problem in how to achieve complementarity between the aesthetic and functional aspects of designing printed textile hanging fabrics inspired by the architectural intellectual trends in Egypt during the twentieth century? How to take advantage of interactive technology and apply it to create aesthetic and functional visions that keep pace with contemporary thought of printed textile hangings?
The objectives of the research lie in achieving complementarity between the aesthetic and functional aspects of designing printed textile hanging fabrics inspired by the Egyptian architectural intellectual trends during the twentieth century and employing them in the Egyptian airports to stimulate tourism, in addition to creating a contemporary experimental intellectual approach based on benefiting from interactive technology such as augmented reality techniques. And metaverses to enrich the functional side of printed textile hanging fabrics. The importance of the research is limited to creating printing designs for printed textile hanging fabrics in which the aesthetic and functional aspects are achieved by augmented reality and metaverse techniques, and obtaining interactive three-dimensional audio and visual outputs that emphasize the aesthetic and functional visions of printing printed textile hanging design in the Egyptian airports.

Keywords: Integration- Aesthetic and Functional aspects- Interactive Technology

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