

An Analytical study of the decorations of Sheikh Zayed mosque in the UAE for innovating decorative designs convenient for laser discharge on wedding dresses

Azhar Mohammed El-Said Hegazy

Assistant Teacher, Faculty of Home Economics, Al-Azhar University. AzharMohamed.2066@azhar.edu.eg

Walaa Ali Fahmy Diab

Professor and Chairman of the Standing Scientific Committee for Promotion, Faculty of Home Economics, Al-Azhar University, WalaaDiab1789.el@azhar.edu.eg

Sozan El-Said Ahmed Hegazy

Assistant Professor, Department of Clothing and Textile, Faculty of Home Economics Al-Azhar University. Sozanhegazy1759.el@azhar.edu.eg

Heba Abdullah Bassioni Salama

Lecturer, Department of Textile Clothing Faculty of Home Economics Al-Azhar University. Hebaslama1849.el@azhar.edu.eg

Abstract:

With the advancement of modern technology and the discovery of lasers, scientists are seeking to take advantage of its advantages in all fields, which has contributed to the sale and distribution of textile products in the market, and has become the highest competition compared to textile products using other cutting methods. Therefore, the need for the study of the Islamic heritage, and its decorations that contributed to the enrichment of human civilizations, through the work of an analytical study of one of the most famous mosques of our time, sheikh Zayed bin Sultan Al Nahyan Mosque in the United Arab Emirates, and the use of the decorations of the mosque in the creation of decorative designs to enrich the aesthetic value of wedding dresses, using one of the methods of modern technology is laser discharge. In light of this, **the problem of research** can be formulated in the following questions: 1- What is the possibility of obtaining various Islamic decorations based on the analytical study of the decorations of the Sheikh Zayed Mosque in question? 2- What is the possibility of using the decorations of the mosque to create contemporary decorative designs suitable for unloading on the laser device? 3- What is the possibility of employing laser vacuum fabrics to enrich the aesthetic value of wedding dresses? **The research objectives** : This research aims to devise some of the technical rules and foundations of decoration and to use them in the creation of new decorative designs based on the engineering network and to enriching the field of decorative design in the field of fashion design by proposing and implementing some wedding dresses using laser discharge technology. **Methodology**: This research follows the descriptive analytical approach - the applied approach. The study included two questionnaires and a statistical analysis to measure several axes of the proposed designs, and these designs were presented and numbered (20) designs to a group of gentlemen specialized in the field of clothing and textile as well as a group of consumers to express their opinion, and then the designs that got the highest response were implemented by both the specialized arbitrators and consumers and the number (3) designs. **Results**: The current research yielded that there are statistically significant differences at the level of indication (0.01) between the responses of the specialists to the proposed designs in the extent of achieving the elements and foundations of design, innovative values and technical aspects. Also there are statistically significant differences at the level of indication (0.01) between the responses of the specialists on the proposed designs in the extent to which the decorations of The Sheikh Zayed Mosque in the United Arab Emirates can be used in the creation of decorative designs suitable for laser discharge on wedding dresses where the value of (F) 10.096 and the level of indication below the moral level (0.01), indicating the differences between the designs in the questionnaire as a whole.

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