

Design Manipulations Using Optical Fibers for Women's Body Somato Types

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Abstract:

Objective: The thesis aims to determine the properties of optical fibers, and take advantage of them to submit Suggested designs for treatments women's body styles using optical fibers, that suitable for the evening period, determining the criteria for women's clothing design according to body styles, recognition the fashion designers who used optical fibers in their designs, submit Suggested design to treatments specific of body styles (Triangle styles, Inverted Triangle styles, Rectangle styles), It consists of 21 suggested design, Measuring the degree of acceptance of specialists Suggested designs for treatments women's body styles using optical fibers, Measuring the degree of consumer acceptance of the suggested designs for treatments women's body styles using optical fibers, to know their opinions and the degree of their acceptance of the implemented designs, implementation some designs that have got the highest results from the research sample.

Method: The research followed the descriptive-analytical method with the application, by compiling the scientific material for designing women's clothing standards according to body styles, optical fiber characteristics, designers who employed optical fibers in their designs, and the practical side in implementing designs that obtained the highest results.

The research results found (21) design proposals were presented to treatment women's body styles using optical fibers, and the preference of designs came according to the opinions of specialists and consumers for the proposed designs for treatment women's body styles using optical fibers based on the statistical analysis as follows: With regard to the opinions of specialists in the of clothing field The fifteenth design was the best for the rest of the designs with a quality factor of 97.66, while the eighteenth design ranked last with a quality factor 89.55%, With regard to the opinions of consumers The twenty-first design was the best for the rest of the designs with a quality factor of 97.10, while the twenty design ranked last with a quality factor of 86.92%, Four designs had been implemented, which obtained the highest results by specialists and consumers (the fifth design, the twenty one design, the twenty one design, the fourth design) using traditional fabrics and optical fibers of both types for its occasion in the implementation of designs.

The research concluded with a set of recommendations, the most important of which are: Conducting more studies and researches concerned With fashion design field to treat the physical patterns defects of women, children, Interest in employing modern technologies in fashion design field.

Keywords :

Designing Manipulation- Body Type- Optical fibers

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