

Combine Jacquard Style with Embroidery to Create Innovative upholstery Fabrics Designs

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Abstract: -

Jacquard fabrics are a type of decorative fabric used on textile machines with jacquard devices, which give the possibility of obtaining decorative inscriptions with different effects and many textile differences, production methods various to produce this type of fabrics, as well as multiple uses (upholstery fabrics - Curtains - Men and women's fabrics clothing - supplements for clothes), the style of embroidery is a technique of decoration of fabrics using different materials on warp and weft of the fabric, which is embroidered with strings of various types, beads, sequins, cordon (Qattan), and other embroidery materials, which add aesthetic touches to the woven fabric, whether embroidery by hand or by machine.

The research was based on the production of samples on textile machines equipped with jacquard machines in an executive style, simple spot figure designs of two colors of the weft and three colors of the meat in two ways of design. The first method is full design on the jacquard machine. The second method is part of the first design on the jacquard machine. In the style of embroidery in three different ways, and then a survey was conducted for the specialists of the comparison of art and aesthetic between the two styles independent jacquard and the second integration of jacquard with embroidery, statistical analysis of the results of the questionnaire was don by using the weighted arithmetic average.

Statement Problem:-

The research problem lies in several points:-

- 1- The difficulty of using metal embroidery yarns, thick cordon yarns, lacy, beads, Yarn pile and other materials which used in embroidering on jacquard textile machines, which give aesthetically pleasing design and raise its aesthetic value.
- 2- The recession and pattern in the production of upholstery fabrics in the Egyptian Market.
- 3- Benefit of the technological progress and development of jacquard machines and embroidery to open new markets for the product.

Objectives:-

- 1- Therefore, the research aims to create designs for jacquard fabrics and then complete the design with embroidery to add aesthetic and creative values and obtain engravings which not achieved by jacquard style only.
- 2- To enrich the upholstery fabrics with new design ideas.
- 3- Combine the aesthetics of jacquard fabrics and embroidery together.

Significance: -

- 1- Opening new markets for Egyptian fabrics
- 2- Adding embroidery to some of the fabrics of stagnant upholstery will add new artistic and aesthetic values that will lead to the Vogue of some of them significantly.

Research Methods:-

The research follows the descriptive method of the jacquard style and the methods of embroidery in the study and the experimental method in the implementation of a range of innovative designs by integrating the jacquard style with the methods of embroidering.

Search Limits:-

Jacquard fabrics executed simple spot figure designs two and three colors weft.

Hypothesis:-

- 1- The research assumes the possibility of combining the technique of jacquard and embroidery to produce upholstery fabrics.
- 2- The research assumes that the addition of embroidery will enrich the upholstery fabrics technically and aesthetically.

Result :-

The main results of the research are that the integration of the jacquard style with the embroidery contributed to the increase of the third dimension of the cloth, the creation of innovative engravings and the enhancement of the aesthetic value of the product, with the possibility of using fancy yarn that was difficult to use on textile machines equipped with jacquard devices.

Key words :-

Jacquard fabrics - Automatic Embroidery - Upholstery fabrics simple spot figure designs.





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