

## **Taking advantage of the different techniques employed in the production of innovative textile embroidered cloth furnishing without fabric background**

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### **Introduction:**

The field of textile is considered one of the important fields that needs specialized and deep study for the scarcity of studies that handled that field which has become a necessity as it has its own characteristics and holds two sides; the functional side and the aesthetical side and they should be coordinated together.

The beautiful furnishing on the floor are considered a magical show screen that shows the world, the beautiful place where it was woven at, each knot was made with appreciation and admiration.

Embroidery is an art where you harmonize all materials together, where the artist gets to create wonderful ideas with various materials in weaving, strings, wires, stripes, shells and beads using different techniques in organized or random ways to create innovative pieces.

The methods of brocading textiles have evolved to become a mean of creative, aesthetical, artistic uniqueness by the variation in the various pieces that were brocaded with different techniques that keep up with the innovation and development through the ages. So we get to realize there are many resources for innovation through which creative various solutions are achieved using the technical and artistic techniques. Ancient civilizational arts reflect images of the execution methodology of the trims, also reflect the intellectual dimensions of each civilization. It's noticeable that the Saudi woman used in her trimming of textiles, fabrics and embroidery with various methods that resulted in a variety of forms, materials and quality of the embroidery.

Many techniques were used to get cohesive pieces of strings to allow liberty of creation, those techniques appeared in many studies. There are different styles of embroidery, the traditional stitch, textiles are woven in the traditional stitch and beads, other techniques emerged to enrich the innovative works in the field of composite fabrics in making pieces of furniture such as little pillows and mattresses.

What really protrude textiles is the use of different types, thickness, colors and texture of materials of the brocading stitch. In order to keep up with the modern directions in art which aim for renovation and continuity in achieving various aesthetical meanings. The study will execute some pieces of creative woven mattresses without using loom, they will be brocaded with various artistic methods without a fabric background with the possibility to merge those techniques to assure both aesthetic and functional sides.

### **The research problem is the following:**

The researcher has noticed while teaching at the department of home economics, faculty of education, Hail university, that the curriculum of design and hand brocading isn't allowing students to gain skills that are necessary to enrich the creative thinking to produce textiles in

different techniques. So the researcher has tried various creative techniques to create pieces with no fabric background.

**So the paper problem is determined in the next questions:**

- 1- what are the weaving techniques that could be used to create some pieces of furniture?
- 2- What are the brocading methods that could be used to create some pieces of furniture with no fabric background?
- 3- how can we utilize the merge among weaving and embroidery techniques in producing some creative pieces of furniture with no fabric background?

**The research aims:**

- 1- using creative and new applied means in weaving by trying.
- 2- creating some woven mattresses without the use of loom.
- 3- identifying different embroidery techniques that are related to the subject of the study.
- 4- utilizing traditional embroidery techniques and developing them to produce innovative pieces.
- 5- merge weaving and embroidery techniques to produce some creative pieces of furniture with no fabric background.

**The research significances:**

- 1- paying attention to using manual techniques in order to maintain the liberty of creativity and uniqueness.
- 2- contributing in creating new methods to produce brocaded furniture with no fabric background.
- 3- realizing the merge among weaving and embroidery techniques to produce some creative pieces of furniture with no fabric background, the integration between both functional and aesthetical sides.

**The theoretical frame includes:**

**Procedural definition;**

Creating aesthetic and artistic effects using beads, strings, golden, silver, metallic shapes or variable materials with different methods to create pieces of furniture with no fabric background.

**The research procedure:**

The paper follows the analytical, descriptive methodology that describes what is already there analyze and explain it, also the experimental methodology that uses the personal experiment in choosing the hypothesis and decide the relation between 2 variables through studying the situations of each variable.

The researcher used the experimental methodology to prove in a scientific way the accuracy of the paper hypothesis as that is considered the biggest benefit of choosing the experimental methodology. The researcher executed various methods and techniques and utilized them to produce brocaded furniture with no fabric background.

**The research limits:**

The experience boundaries were limited to the following:

- 1- weaving without loom using various strings and stripes.
- 2- weaving with no background fabric.
- 3- using different types of beads (transparent and opaque glass beads, metallic beads, pearls, silver and copper)
- 4- using computers in creating some furniture designs.
- 5- using adobe Photoshop.
- 6- using the Pearson factor to prove the stability of the standard.
- 7- using alpha Cronbach test to do SPSS comparisons.
- 8- producing a collection of furniture for a reception room such as (table- curtain-little pillows-packet of tissue cover).

**The research tools:**

The tools that were used to achieve the aims and assumptions of the paper are various, the researcher designed a tool that matches the current aims, hypothesis and their variables of the research paper, which is:

- 1- Designing judging form for the woven textiles with no fabric background.
- 2- Adjusting the points of the form regarding the guidance of the professional judges.
- 3- Offering the form for the arbitrators who are specialized in the field of textile and weaving to judge its points and accredit it.
- 4- The form will be shown, after adjusting it also the designs that the form will be applied to, to a group of arbitrators who are specialized in the field of designing furniture to realize the best group of designed furniture that fits with the points of the form.
- 5- Using Pearson factor to prove credibility and stability of the standard.
- 6- Using alpha Cronbach test by using SPSS program to do multiple comparisons by using LSD method at the level of 0.05.

**Tools and materials of the research:**

The following tools and materials were used in executing the experiment:

**First; tools:**

Large sewing needle, thin needle for beads, scissors, adhesive tape, mechanical brocading machine.

**Second; materials:**

Brocading strings- various stripes and tapes- beads.

**Techniques and media:**

Manual weaving without loom methods and techniques.

Embroidery methods and techniques.

Computer (adobe Photoshop)

**Results and recommendations:**

**The results from realizing the hypothesis** in general was; the sixth group showed relative distinction compared to the other groups, especially the first and the fourth.

The second and the fifth group showed relative distinction over the first group, while other groups didn't show any relative distinction.

So the best groups are the sixth followed by second and fifth.

### The researchers recommend the following:

- Using the Saudi researchers to put strategy for handicraft development to develop the textile handicrafts that are characterized by creativity and modernity.
- Organizing workshops in universities to teach the manual weaving and brocading techniques and focus on producing modern, woven and embroidered furniture using computers.
- Teaching courses for manufacturing handmade textiles for furniture using weaving and embroidery techniques and merge them to create small projects to benefit from them at the market.
- Recommendation to increase the comparison studies especially the art of textile design that are related to handicraft and production, making a clear vision through scientific research to benefit from them.
- Utilizing the modern applied ways like the net textile using trimming strings and fabric strings and tapes to produce modern pieces of textiles.

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