

Design Treatment for Home Furnishing Accessories, By Remains of Garment Production Requirements, For Sustainability

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Summary:

Sustainability is one of the most important recent trends in the development and progress of countries for their humane, economic, social and environmental development goals. Sustainable development has become a method of development imposed by the present era, which is characterized by development and rapid change, which has been imposed on states, bodies, organizations, institutions of civil society and individuals, so that the social balance resulting from globalization and avoidance of its negative impacts can be achieved. Sustainable development is defined as development that meets the needs of people today without compromising the needs of future generations. It focuses on sustainable integrated economic growth, environmental stewardship, social responsibility, and technology. The furniture and its accessories industry is considered one of the most important industries consuming environmental resources. Therefore, the countries of the world concerned with the concept of sustainability to rationalize the consumption of raw materials and preserve the right of future generations to provide their needs.

Research aims: -

- 1- Provide sustainable home furnishing accessories with leftovers for ready-made garment production.
- 2- Study the percentage of specialists' agreement towards home furnishing accessories decorated with the remains of garment production requirements to achieve sustainability.
- 3- Study the percentage of consumables agreement towards home furnishing accessories decorated with the remains of garment production requirements to achieve sustainability.

Research importance: -

- 1- The research contributes to introducing a new style of home furnishing decoration.
- 2- This study is a serious attempt to link scientific research with society by employing fields of study in the practical aspect of graduate youth.
- 3-Enriching the field of small and medium industries with decorative designs from the remains of ready-made garments production requirements that meet functional and aesthetic purposes and achieve sustainability.

Research hypotheses:

First hypothesis: There are statistically significant differences between the averages of evaluation of home furnishing accessories decorated with leftover garment production requirements for sustainability in achieving the evaluation aspects (as a whole) according to the opinions of specialists.

The second hypothesis: There are statistically significant differences between the mean of the pillars of evaluation of home furnishing accessories decorated with leftover garment production requirements for sustainability according to the opinions of specialists.

The third hypothesis: There are statistically significant differences between the averages of evaluating home furnishing accessories decorated with leftover garment production requirements for sustainability in achieving the evaluation items (as a whole) according to the opinions of consumers.

The fourth hypothesis: There is a correlation between the arrangement of specialists and the arrangement of disposables for home furnishing accessories decorated with leftover garment production requirements for sustainability.

Research Methodology:

The research follows a descriptive approach with analysis and application to suit it to achieve the research objectives.

Research limits: Research study is limited to:

- 1- Remains of garment production requirements.
- 2- Furniture accessories (pillows).

The research sample:

The research samples included two categories as follows:

Specialists: Their number is (13), means the gentlemen of the teaching staff at specialized universities to know the degree of their acceptance towards home furnishing accessories decorated with the remains of garment production requirements to achieve sustainability.

Consumables sample: Their number is (30), means Community members to know their degree of acceptance towards home furnishing accessories decorated with the remains of garment production requirements to achieve sustainability.

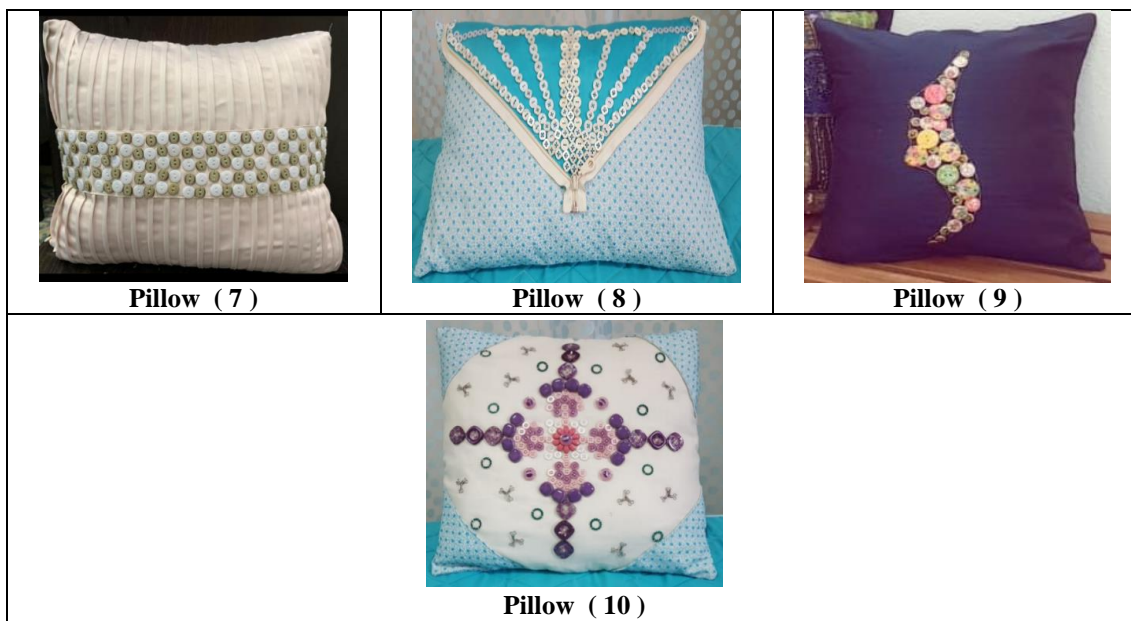
Search tools:

- 1- A questionnaire to measure the percentage of specialists' agreement towards home furnishing accessories decorated with leftover garment production requirements for sustainability.
- 2- A questionnaire to measure the percentage of consumables agreeing about home furnishing accessories decorated with leftover garment production requirements for sustainability.

Research results and Discussion:

First: The proposed designs:





-To verify the first hypothesis, the implemented designs were presented to a group of (13) arbitrators who were specialized in the field of clothing and textiles and the data was tabulated in the SPSS statistical program to calculate the unidirectional variance analysis to know the significance of the differences between the average evaluation of specialists for home furnishing accessories decorated with the remains of supplies Production of ready-made clothes to achieve sustainability in achieving the evaluation aspects (as a whole) and the following table shows this:

Source of Contrast	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	330.467	9	36.719	15.839	.000
Within Groups	255.000	110	2.318		
Total	585.467	119			

The results of the previous table indicate that the value of (F) was (15,839) which is a statistically significant value, which indicates that there are differences between the evaluation of home furnishing supplements decorated with the remains of garment production requirements to achieve sustainability in achieving the evaluation aspects (as a whole) according to the opinions of specialists and in light of the previous, the first hypothesis of the research can be accepted.

-To verify the second hypothesis, the variance analysis was calculated for the average axis of evaluation of home furnishing accessories decorated with the remains of garment production requirements to achieve sustainability according to the opinions of specialists, and the following table shows that:

Source of Contrast	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	24.300	1	24.300	5.110	.026
Within Groups	561.167	118	4.756		
Total	585.467	119			

The results of the previous table indicate that the value of (F) was (5.110) which is a statistically significant value, which indicates that there are differences between the axis of evaluation of home furnishing supplements decorated with the remains of garment production requirements to achieve sustainability according to the opinions of specialists.

-To verify the third hypothesis, the variance analysis was calculated for the average evaluation of home furnishing supplement decorated with the remains of garment production requirements to achieve sustainability in achieving the evaluation items (as a whole) according to the opinions of consumers, and the following table shows that:

Source of Contrast	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	1035.877	9	115.097	.821	.598
Within Groups	16822.000	120	140.183		
Total	17857.877	129			

The results of the previous table indicate that the value of (F) was (0.821) which is not statistically significant, indicating that there are no statistically significant differences between the averages of evaluation of home furnishing supplement decorated with the remains of garment production requirements to achieve sustainability in achieving evaluation items (as a whole). According to the opinions of consumers, and in light of the above, the third hypothesis of the research can be accepted.

-To verify the fourth hypothesis, the researcher calculated the Spearman rank correlation coefficient between the arrangement of specialists and consumables for home furnishing supplements decorated with the remains of garment production requirements to achieve sustainability as shown in the following table:

the design	Specialists	Consumables	Rank correlation coefficient of Spearman
Design (1)	7	8	0.621* Relational relationship at level (0.01)
Design (2)	4	5	
Design (3)	10	6	
Design (4)	3	2	
Design (5)	8	6	
Design (6)	6	4	
Design (7)	1	1	
Design (8)	5	3	
Design (9)	9	7	
Design (10)	2	9	

The results of the previous table indicate that: the correlation between the arrangement of each of the specialists and consumers, in the light of the evaluation axes for each of them which reached a value ($t = 0.621$) which is statistically significant at the level of significance (0.05) which is a direct relationship, meaning that there is a compatibility between the evaluation from the scientific point of view and the process. Thus, the researcher can accept the hypothesis that "there is a correlation between the arrangement of specialists and the arrangement of

disposables for home furnishing supplements decorated with the remains of garment production requirements to achieve sustainability.

Recommendations:

- 1- Attention to the principle of experimentation in form and material, and in a way that supports innovative experimental thought, for the contribution of this thought in moving towards the future with a clear vision.
- 2- Attention to everything new in the field of furniture decoration.
- 3- Opening the fields of small industries through achieving sustainability and other areas.

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