

## Measuring the extent of the influence of the coefficient of Prolapse of the fabric on the final shape of outer garments for women

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### **Abstract:**

The garment industry is one of the widespread textile industries, as the rapid development in the production of clothing and the multiplicity of methods and techniques for its production have had a great impact on the development and prosperity of this industry, and despite the existence of some distinctive characteristics of fabrics of various types, especially those used in the production of outer clothing for women, it is found in them Some problems that affect the quality of these fabrics and thus the quality of the clothes made from them, including the susceptibility of some of these fabrics to droop, which affects the appearance and elegance of clothing, hence the need to identify the best textile materials used in the implementation of some of the clothing External for women to improve their final. In this research, three types of different fabrics were selected and the most used in the implementation of women's outerwear, namely (satin - chiffon - viscose), and the prolapse test was done for the three types of fabrics and then the implementation of clothing pieces is a women's dress of the three materials with the same design, then The three samples were judged by specialists in the field with the aim of identifying the effect of the coefficient of demonstration of the final shape of the product. The results of the research: The best material in the produced samples is the raw material, which has obtained the highest dropping coefficient (0.4) at a temperature of (20.5) and humidity (64%) in the three samples, followed by the chiffon material with a coefficient of (0.3). Then, viscose has a coefficient of drooping (0.2) at the same temperature and humidity, which confirmed the arbitration of the three pieces produced from the clothes, where the design implemented with the stan material got the highest ratio with an average of 95.4%, followed by the design implemented with the chiffon material at an average of 91.7%, then the design implemented from The material of viscose is an average of 87.9, which is the lowest estimate.

### **Keywords**

**Drooping  
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