

## **Developing innovative printing designs from surface appearance of three-dimensional fabric and employing them in clothing accessories**

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### **Abstract:**

Three-dimensional fabrics are one of the most important modern innovations resulting from high-tech technology, whose diversity, many distinct characteristics, and its plastic and aesthetic capabilities for its different surface textures may contribute to enriching the printing design of clothing accessories, as the most important factors that contribute to the success of the printed artwork is choosing the appropriate printing surface. To find out the appropriate technical foundations for pastes and the possibility of developing technical and technical treatments commensurate with the surface textures of these printing surfaces, which prompted the researcher to search for a new, diverse vision for textile printing designers in creating innovative designs and benefiting from them in the complements of printed clothing accessories. The research focused on how to take advantage of the new textile printing pastes to achieve the third dimension to obtain designs with diversity and richness and three-dimensional textile technology and its unique surface texture and appearance, which has a great impact in adding some properties to the product and as a new source of technical visions in the field of print design and adapting it in design lines for new artistic formulations and employing them in clothing accessories.

### **Keywords:**

three-dimensional textile, printing design, clothing accessories