The design of creative Apparels employing leather ornamentation techniques

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Abstract:
Neanderthals have used animal skins since the Paleolithic period. As life changed, it evolved to use bone and barb strips to tightly clip leather around the body and then sew by making holes with a sharp object. In the Pharaonic era, the ancient Egyptian used leather extensively to serve various functional and aesthetic purposes and to benefit from the nature of leather in terms of shape, texture, thickness and distinctive nature. He synthesized it from other animal materials, and he used various methods of leather decoration, such as stitching, embroidery, and other plastic leather methods. Thus, leather was one of the first materials formed on the human body, and this is why research began in this field to produce high-quality leather clothing consistent with international quality specifications. Natural leather has developed a great development, as it has been possible recently to prepare large types with various specifications and multiple colors, which made fashion designers use them to create new designs that are attractive to international fashion. This study aims to explore the types and materials of leather used in ready-made clothes, as natural leather (goat skin - sheepskin) and synthetic leather as well as synthetic leather similar to natural ones were used. The technology of laser engraving, burning, embroidery and digital printing has also been implemented on these leather, and the study proposes designs and models of leather raw materials decorated with different forming methods.

Keywords: Leather, Leather ornamentation techniques.