Using the Flat Knitting Machines in Producing Ribbons for use as Supplementary Accessories of Clothes

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Abstract:
Clothes accessories are considered one of the design fields that have a great effect on clothes. Ribbons are considered a kind of supplementary accessories that have different shapes and types. They are available in many colors and sizes with different thicknesses. The supplementary accessories should be from the same type of clothes fabric or match well with it; in addition, there should be a balance between the weight of the clothes fabric and the accessories. Through the practical observation, it was found that there are no accessories for all clothes types especially winter clothes, the available accessories don’t match all fabric types, colors, and are expensive as well. By studying the flat knitting machine, it was found that it can be used to produce decorative ribbons to be used as clothes accessories as it has the required facilities to getting creative designs of the stitches with different materials and desired colors. In addition to increase or reduce the width according to the required shape through increasing or decreasing the number of the stitches in the ribbon width, the possibility. Statement of the problem: What is the ability to produce decorative ribbons to be used as supplementary accessories to match with clothes’ colors, materials and thickness with low prices? Objective: Using flat knitting machine in producing decorative ribbons to be used as supplementary accessories to match with clothes’ colors, materials, and thickness.

Methodology: The experimental method. Procedure: In this research, a group of knitting ribbons was produced by using decorative stitches and then presented to a group of specialists to express their opinions on them; some of them have been selected in making clothes designs. Results: According to the views of the judges, the best ribbons designs that can be used as supplementary accessories for clothes are numbers (2,3,7,8,9,10,13,14,15), the best ribbons that achieve the beneficial and the economic targets are (2,3,6,7,8,9,10,11,13,14,15) and the least ribbon in achieving both targets is number (19). According to the views of the judges, the best suggested designs in achieving the aesthetic and the functional values is number (2), the least one in achieving design basics is number (9), the least design in achieving the aesthetic values is number (8) and the least one in achieving the functional values is number (3).

Keywords
Supplementary accessories – ribbons – flat knitting machine

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