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Keyword: | [TOP](#) > [Available Issues](#) > [Table of Contents](#) > [Abstract](#)

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[\[PDF \(440K\)\]](#) [\[References\]](#)

Fabric Handle and Its Basic Mechanical Properties

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Abstract: Published research works concerning fabric handle and its basic mechanical properties were surveyed in this review. Fabric handle and its mechanical properties have been studied continuously using KES system for various kinds of fabrics in the period between 1998 and 2005. Statistical investigation by neural network model has been very popular in these years and the accuracy of prediction is higher than that of conventional regression methods. Some novel works concerning fabric sound have also been reported. Quite a lot of works concerning drape behavior of fabrics, seam puckering, wrinkles and pillings have been carried out by using image processing system. In order to evaluate clothing comfort objectively, clothing pressure to human body is investigated precisely.

Key Words: [Fabric handle](#), [Mechanical property](#), [Fabric appearance](#), [Clothing comfort](#), [Clothing pressure](#)

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