and KES-FB4. To validate the usefulness of the results obtained from objective measurements, a set of subjective evaluations were made by a panel of 20 members to evaluate the surface roughness of fabric samples. Comparisons between the FEATS-1 and KES-FB4 systems were conducted, and the correlation coefficient between R_{am} and SMD was 0.875, indicating that a high correlation between the two systems exists for surface measurement and can both be used to quantitatively measure surface roughness. Regarding the results of objective and subjective measurements and their comparison, it was concluded that FEATS-1 could be usefully employed in the measurement of fabric surface roughness and hence in fabric hand evaluation.

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