

A NOVEL METHOD OF FACE RECOGNITION USING FRACTIONAL ORDER SVD

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Abstract

Face is an important biometric feature for personal identification. Human beings easily detect and identify faces in a scene but it is very challenging for an automated system to achieve such objectives. Hence there is need to have reliable identification method for interacting users .In this paper we discuss novel approach using SVD algorithm and past research on biometric face feature extraction and recognition of static images. We will present implementation outline of these methods along with their comparative measures and result analysis.

Keywords : Principal component Feature extraction statistical approaches, singular values, fractional Singular value

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