## **Pyramid Binary Pattern for Age Invariant Face Verification**

Authors : Saroj Bijarnia, Preety Singh

**Abstract :** We propose a simple and effective biometrics system based on face verification across aging using a new variant of texture feature, Pyramid Binary Pattern. This employs Local Binary Pattern along with its hierarchical information. Dimension reduction of generated texture feature vector is done using Principal Component Analysis. Support Vector Machine is used for classification. Our proposed method achieves an accuracy of 92:24% and can be used in an automated age-invariant face verification system.

Keywords : biometrics, age invariant, verification, support vector machine

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