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Improved Principal Component Analysis and Linear regression classification for face recognition

Yani Zhu , Chaoyang Zhu , Xiaoxin Li

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Highlights

- IPCA is used to extract the useful information from the original face images through reducing the dimension of feature vectors to better recognize images.
- Linear regression classification (LRC) is employed to deal with the problem of face recognition as a linear regression problem.
- LRC uses the least-square method to decide the class with the minimum reconstruction error.

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