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Mixed Neighborhood Topology Cross Decoded Patterns For Image-Based Face Recognition

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Highlights

- Proposition of a new LBP like descriptor for face recognition referred to as MNTCDP.
- Evaluating the proposed method on ORL, FERET, YALE, Extended Yale B and AR databases.
- Providing a fair comparison between the proposed MNTCDP descriptor and 51 LBP variants.
- The proposed MNTCDP based system outperforms several recent state-of-the-art systems.
- The performance of MNTCDP descriptor is compared to the one of deep learning methods.

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