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Virtual Dictionary based Kernel Sparse Representation for Face Recognition

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Highlights

- KCDVD can automatically yield virtual dictionary used to represent the samples.
- KCDVD can effectively address the undersampling problem in face recognition.
- KCDVD exploits the coordinate descent scheme to solve the representation models.
- KCDVD is easy to implement and is much faster than other similar methods.
- KCDVD outperforms many state-of-the-art classification methods.

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