

- Image Understanding, 119: 1-14.
<https://doi.org/10.1016/j.cviu.2013.11.002>
- [3] Perveen, N., Kumar, D., Bhardwaj, I. (2013). facial expression recognition by statistical, spatial features and using decision tree. *International Journal of Computer Applications*, 64(18): 15-21.
<http://dx.doi.org/10.5120/10733-5573>
- [4] Kshirsagar, V.P., Baviskar, M.R., Gaikwad, M.E. (2011). Face recognition using eigenfaces. 2011 3rd International Conference on Computer Research and Development, 2: 302-306.
<http://dx.doi.org/10.1109/ICCRD.2011.5764137>
- [5] Ye, J., Janardan, R., Park, C., Park, H. (2004). An optimization criterion for generalized discriminant analysis on undersampled problems. *IEEE Transactions on Pattern Analysis and Machine Intelligence*, 26(8): 982-994.
<http://dx.doi.org/10.1109/ICDM.2003.1250948>
- [6] Yu, H., Yang, J. (.001). A direct LDA algorithm for high-dimensional data - with application to face recognition. *Pattern Recognition*, 34(10): 2067-2070.
[https://doi.org/10.1016/S0031-3203\(00\)00162-X](https://doi.org/10.1016/S0031-3203(00)00162-X)
- [7] Belhumeur, P.N., Hespanha, J.P., Kriegman, D.J. (1997). Eigenfaces vs. Fisherfaces: Recognition using class specific linear projection. *IEEE Transactions on Pattern Analysis and Machine Intelligence*, 19(7): 711-720.
<http://dx.doi.org/10.1109/34.598228>
- [8] Roweis, S.T., Saul, L.K. (2000). Nonlinear dimensionality reduction by locally linear embedding. *Science*, 290(5500): 2323-2326.
<http://dx.doi.org/10.1126/science.290.5500.2323>
- [9] Tenenbaum, J.B., de Silva, V., Langford, J.C. (2000). A global geometric framework for nonlinear dimensionality reduction. *Science*, 290(5500): 2319-2323. <http://dx.doi.org/10.1126/science.290.5500.2319>
- [10] Belkin, M., Niyogi, P. (2001). Laplacian eigenmaps and spectral techniques for embedding and clustering. *NIPS'01 Proceedings of the 14th International Conference on Neural Information Processing Systems: Natural and Synthetic*, pp. 585-591.
- [11] He, X., Yan, S., Hu, Y., Niyogi, P., Zhang, H. (2005). Face recognition using Laplacianfaces. *IEEE Transactions on Pattern Analysis and Machine Intelligence*, 27(3): 328-340.
<http://dx.doi.org/10.1109/TPAMI.2005.55>
- [12] Zhao, H.T., Sun, S.Y., Jing, Z.L., Yang, J.Y. (2006). Local structure based supervised feature extraction. *Pattern Recognition*, 39(8): 1546-1550.
<http://dx.doi.org/10.1016/j.patcog.2006.02.023>
- [13] Sugiyama, M., Idé, T., Nakajima, S., Sese, J. (2006). Semi-supervised local Fisher discriminant analysis for dimensionality reduction. *Machine Learning*, 78(1-2): 35-40. <http://dx.doi.org/10.1007/s10994-009-5125-7>
- [14] Kim, T.K., Kittler, J. (2005). Locally linear discriminant analysis for multimodally distributed classes for face recognition with a single model image. *IEEE Transactions on Pattern Analysis and Machine Intelligence*, 27(3): 318-327.
<http://dx.doi.org/10.1109/TPAMI.2005.58>
- [15] Luo, Y. (2008). Can subclasses help a multiclass learning problem. *IEEE Intelligent Vehicles Symposium*, pp. 214-219. <http://dx.doi.org/10.1109/IVS.2008.4621136>
- [16] Shakhnarovich, G., Moghaddam, B. (2005) Face recognition in subspaces. *Handbook of Face Recognition*, 141-168. http://dx.doi.org/10.1007/0-387-27257-7_8
- [17] Benkaddour, M.K., Bounoua, A., (2017). Feature extraction and classification using deep convolutional neural networks, PCA and SVC for face recognition. *Traitement du Signal*, 34(1-2): 77-91.
<https://doi.org/10.3166/TS.34.77-91>
- [18] Reddy, C.V.R., Reddy, U.S., Kishore, K.V.K. (2019). Facial emotion recognition using NLPCA and SVM. *Traitement du Signal*, 36(1): 13-22.
<https://doi.org/10.18280/ts.360102>