























- Computer Vision and Pattern Recognition, IEEE., pp. 9925-9934, 2019.
- [20] G. Garzon and F. Martínez “Online action recognition from trajectory occurrence binary patterns (ToBPs)” Proceedings of the International Conference on Advances in Emerging Trends and Technologies, Springer., 2019.
- [21] T. Ojala, M. Pietikainen and D. Harwood “A comparative study of texture measures with classification based on featured distributions” Pattern recognition, Elsevier., vol. 29, pp. 51-59, 1996.
- [22] T. Bouwmans, C. Silva, C. Marghes, M. Zitouni, S. Mohammed, H. Bhaskar and C. Frelicot “On the role and the importance of features for background modeling and foreground detection” Computer Science Review, Elsevier., vol. 28, pp. 26-91, 2018.
- [23] L. Nanni, S. Brahmam and A. Lumini “Local ternary patterns from three orthogonal planes for human action classification” Expert Systems with Applications, Elsevier., vol. 38, pp. 5125-5128, 2011.
- [24] L. Yeffet and L. Wolf “Local trinary patterns for human action recognition” 12th International Conference on Computer Vision, IEEE., pp. 492-497, 2009.
- [25] T. Nguyen, A. Manzanera, N. Vu and M. Garrigues “Revisiting lbp-based texture models for human action recognition” Iberoamerican Congress on Pattern Recognition, Springer., pp. 286-293, 2013.
- [26] R. Anwer, F. Khan, J. van de Weijer, M. Molinier and J. Laaksonen “Binary patterns encoded convolutional neural networks for texture recognition and remote sensing scene classification” ISPRS journal of photogrammetry and remote sensing, Elsevier., vol. 138, pp. 74-85, 2018.
- [27] R. Muhammad Anwer, F. Khan, J. van de Weijer and J. Laaksonen “Tex-nets: Binary patterns encoded convolutional neural networks for texture recognition” Proceedings of the 2017 ACM on International Conference on Multimedia Retrieval, ACM., pp. 125-132, 2017.
- [28] C. Chang and C. Lin “LIBSVM: a library for support vector machines” ACM transactions on intelligent systems and technology (TIST), ACM., vol. 2, p. 27, 2011.
- [29] C. Schudt, I. Laptev and B. Caputo “Recognizing human actions: a local SVM approach” Proceedings of the 17th International Conference on Pattern Recognition, IEEE., vol. 3, pp. 32-36, 2004.
- [30] L. Gorelick, M. Blank, E. Shechtman, M. Irani and R. Basri “Actions as space-time shapes” IEEE transactions on pattern analysis and machine intelligence, IEEE., vol. 29, pp. 2247-2253, 2007.
- [31] M. Ryoo and J. Aggarwal “Spatio-temporal relationship match: Video structure comparison for recognition of complex human activities” 12th international conference on Computer vision, IEEE., pp. 1593-1600, 2009.
- [32] F. Ronchetti, F. Quiroga, C. Estrebou, L. Lanzarini and A. Rosete “LSA64: an Argentinian sign language dataset” XXII Congreso Argentino de Ciencias de la Computación (CACIC 2016), 2016.