

- [9] X.Teng, B. Wu, W. Yu, and C. Liu, "A hand gesture recognition system based on local linear embedding" , *Journal of Visual Languages and Computing* 16 (2005) 442–454.
<http://dx.doi.org/10.1016/j.jvlc.2005.04.003>
- [10] E. Stergiopoulou, N. Papamarkos, "Hand gesture recognition using a neural network shape fitting technique", *Engineering Applications of Artificial Intelligence Journal* (2009).
- [11] U.Rokade, D. Doye, and M. Kokare, "Hand Gesture Recognition Using Object Based Key Frame Selection", *International Conference on Digital Image Processing* (2009).
<http://dx.doi.org/10.1109/icdip.2009.74>
- [12] W.Chung, X. Wu, and Y. Xu, "A Real-time Hand Gesture Recognition based on Haar Wavelet Representation", *International Conference on Robotics and Biomimetics Bangkok, Thailand*, February 21 - 26, 2009.
- [13] S. Nagarajan, T.S.Subashini, " Static Hand Gesture Recognition for Sign Language Alphabets using Edge Oriented Histogram and Multi Class SVM", *International Journal of Computer Applications* (0975 – 8887) Volume 82 – No4, November 2013.
- [14] Rafiqul Zaman Khan, Noor Adnan Ibraheem, "Hand Gesture Recognition: A Literature Review", *International Journal of Artificial Intelligence & Applications* (IJAA), Vol.3, No.4, July 2012.
- [15] Nachamai. M "Alphabet Recognition Of American Sign Language: A Hand Gesture Recognition Approach Using Sift Algorithm", *International Journal of Artificial Intelligence & Applications* (IJAA), Vol.4, No.1, January 2013
- [16] Nicolas Pugeault, Richard Bowden "Spelling It Out: Real-Time ASL Fingerspelling Recognition", proceedings of the *1st IEEE Workshop on Consumer Depth Cameras for Computer Vision, in conjunction with ICCV'2011, Barcelona, Spain*.
<http://dx.doi.org/10.1109/iccvw.2011.6130290>
- [17] Ali Karami, Bahman Zanj, Azadeh Kiani Sarkaleh, "Persian sign language (PSL) recognition using wavelet transform and neural networks", *Expert Systems with Applications* 38 (2011) 2661–2667, Elsevier Ltd.
<http://dx.doi.org/10.1016/j.eswa.2010.08.056>

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