

Publications

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- [2] N.G.Chitaliya and A.I.Trivedi, "Image Segmentation using Watershed Transformation for Object Identification for Machine Learning," in *Recent Developments and Applications of Probability theory, Random process and Random Variables in Computer Science*, Tiruvalla, 2008, pp. 103-107.
- [3] N.G.Chitaliya and A.I.Trivedi, "Feature Extraction and Classification using Wavelet-PCA and Neural Network for Appearance based Object Classification," in *International Conference on signals, systems and automation*, VallabhVidhyanagar, 2009.
- [4] N.G.Chitaliya and A.I.Trivedi, "Feature Extraction using Wavelet-PCA and Neural network for application of Object Classification and Face Recognition," in *proceeding of IEEE International Association of Computer Science & Technology(ICCEA)*, vol. 1, Bali,Indonesia, 2010, pp. 510-514.
- [5] N.G.Chitaliya and A.I.Trivedi, "An Efficient Method for Face Feature Extraction and Recognition based on Contourlet Transform and Principal Component Analysis using Neural Network ," *International Journal of Computer Application*,

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- [7] N.G.Chitaliya and A.I.Trivedi, "Novel Block matching algorithm using Predictive motion vector for Video Object Tracking based on colour histogram," in *IEEE International Conference on Electronics Computer Technology (ICECT 2011)*, Kanyakumari, India, 2011, pp. 81-85.
- [8] N.G.Chitaliya and A.I.Trivedi, "Comparative analysis using fast discrete Contourlet Transform and Curvelet Transform via wrapping for feature extraction and recognition", *Communicated to Springer Multimedia tools and Applications*.
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