[1] P. KadewTraKuPong, R. Bowden, "An improved adaptive background mixture model for real-time tracking with shadow detection," 2nd European Workshop on Advanced Video Based Surveillance Systems, AVBS01. Sept 2001.

[2] Zivkovic, Z., "Improved adaptive Gaussian mixture model for background subtraction," Pattern Recognition, 2004. ICPR 2004. Proceedings of the 17th International Conference on , vol.2, no., pp.28,31 Vol.2, 23-26 Aug. 2004.

[3] Zivkovic.Z, “Efficient Adaptive Density Estimation per Image Pixel for the Task of Background Subtraction,” Pattern Recognition Letters, [Volume 27, Issue 7](http://www.sciencedirect.com/science/journal/01678655/27/7), May 2006, Pages 773–780.

[4] Godbehere, A.B.; Matsukawa, A.; Goldberg, K., "Visual tracking of human visitors under variable-lighting conditions for a responsive audio art installation," American Control Conference (ACC), 2012 , vol., no., pp.4305,4312, 27-29 June 2012.

[5] Tao Liu; Xiao-ping Cheng, "Improved mean shift algorithm for moving object tracking," Computer Engineering and Technology (ICCET), 2010 2nd International Conference on , vol.1, no., pp.V1-575,V1-578, 16-18 April 2010.

[6] Shujun Yao; Xiaodong Chen; Sen Wang; Zhihai Hao; Yi Wang; Daoyin Yu, "Camshift algorithm -based moving target recognition and tracking system,"Virtual Environments Human-Computer Interfaces and Measurement Systems (VECIMS), 2012 IEEE International Conference on , vol., no., pp.181,185, 2-4 July 2012.

[7] Singh, S.; Rao, D.V., "Recognition and identification of target images using feature based retrieval in UAV missions," Computer Vision, Pattern Recognition, Image Processing and Graphics (NCVPRIPG), 2013 Fourth National Conference on , vol., no., pp.1,4, 18-21 Dec. 2013.

[8] Elad, M.; Aharon, M., "Image Denoising Via Sparse and Redundant Representations Over Learned Dictionaries," Image Processing, IEEE Transactions on , vol.15, no.12, pp.3736,3745, Dec. 2006.

[9] Chang, S.G.; Bin Yu; Vetterli, M., "Adaptive wavelet thresholding for image denoising and compression," Image Processing, IEEE Transactions on , vol.9, no.9, pp.1532,1546, Sep 2000.

[10] Talebi, H.; Milanfar, P., "Global Image Denoising," Image Processing, IEEE Transactions on , vol.23, no.2, pp.755,768, Feb. 2014.

[11] Yu Yuan; Feng, D.; Yuzhuo Zhong, "Fast adaptive variable frame-rate coding," Vehicular Technology Conference, 2004. VTC 2004-Spring. 2004 IEEE 59th, vol.5, no., pp.2734,2738 Vol.5, 17-19 May 2004.

[12] Guaragnella, C.; Di Sciascio, E., "Variable frame rate for very low bit-rate video coding," Electrotechnical Conference, 2000. MELECON 2000. 10th Mediterranean , vol.2, no., pp.503,506 vol.2, 2000.

[13] Yu Bai; Li Zhuo; Bo Cheng; Yuan Fan Peng, "Surf feature extraction in encrypted domain," Multimedia and Expo (ICME), 2014 IEEE International Conference on , vol., no., pp.1,6, 14-18 July 2014.

[14] Hongliang Bai; Jianping Wu; Changpin Liu, "Motion and haar-like features based vehicle detection," Multi-Media Modelling Conference Proceedings, 2006 12th International , vol., no., pp.4 pp.,, 0-0 0.

[15] Zheng Yi; Fan Liangzhong, "Moving object detection based on running average background and temporal difference," Intelligent Systems and Knowledge Engineering (ISKE), 2010 International Conference on , vol., no., pp.270,272, 15-16 Nov. 2010

[16] M. HoseynSigari, N. Mozayani, H. Reza Pourreza, "Fuzzy Running Average and Fuzzy Background Subtraction: Concepts and Application," International Journal of Computer Science and Network Security, 2008.

[17] M. Piccardi, "Background subtraction techniques: a review," IEEE International Conference on Systems, Man and Cybernetics, 2004: 3099-3104.

[18] Celebi, M.E., "Effective initialization of k-means for color quantization," Image Processing (ICIP), 2009 16th IEEE International Conference on , vol., no., pp.1649,1652, 7-10 Nov. 2009.

[19] Beheshti, S.; Hashemi, M.; Sejdic, E.; Chau, T., "Mean Square Error Estimation in Thresholding," Signal Processing Letters, IEEE , vol.18, no.2, pp.103,106, Feb. 2011.

[20] Catanzaro, Bryan; Bor-Yiing Su; Sundaram, N.; Yunsup Lee; Murphy, Mark; Keutzer, K., "Efficient, high-quality image contour detection," Computer Vision, 2009 IEEE 12th International Conference on , vol., no., pp.2381,2388, Sept. 29 2009-Oct. 2 2009.

[21] Mikheev, A.; Vincent, L.; Faber, V., "High-quality polygonal contour approximation based on relaxation," Document Analysis and Recognition, 2001. Proceedings. Sixth International Conference on , vol., no., pp.361,365, 2001.

[22] Dalal, N.; Triggs, B., "Histograms of oriented gradients for human detection," Computer Vision and Pattern Recognition, 2005. CVPR 2005. IEEE Computer Society Conference on , vol.1, no., pp.886,893 vol. 1, 25-25 June 2005.

[23] Peng Suo; Yanjiang Wang, "An improved adaptive background modeling algorithm based on Gaussian Mixture Model," Signal Processing, 2008. ICSP 2008. 9th International Conference on , vol., no., pp.1436,1439, 26-29 Oct. 2008.

[24] Kyungnam Kim; Chalidabhongse, T.H.; Harwood, D.; Davis, L., "Background modeling and subtraction by codebook construction," Image Processing, 2004. ICIP '04. 2004 International Conference on , vol.5, no., pp.3061,3064 Vol. 5, 24-27 Oct. 2004.

[25] Kanungo, Tapas; Mount, D.M.; Netanyahu, N.S.; Piatko, C.D.; Silverman, R.; Wu, A.Y., "An efficient k-means clustering algorithm: analysis and implementation," Pattern Analysis and Machine Intelligence, IEEE Transactions on , vol.24, no.7, pp.881,892, Jul 2002.

[26] Shi Na; Liu Xumin; Guan Yong, "Research on k-means Clustering Algorithm: An Improved k-means Clustering Algorithm," Intelligent Information Technology and Security Informatics (IITSI), 2010 Third International Symposium on , vol., no., pp.63,67, 2-4 April 2010.

[27] Ebert, Christof. "Software product management." Software, IEEE 31.3 (2014): Page(s): 21-24.

[28] Zave, P., & Cheung, E. (2014). A Modular Programming Abstraction for Ubiquitous Computing. Technical report, AT&T Laboratories—Research.

[29] Rashwan, Abderahman. "Semantic analysis of functional and non-functional requirements in software requirements specifications." Advances in Artificial Intelligence. Springer Berlin Heidelberg, 2012. Page(s): 388-391.

[30] Rao, A. Ananda, and Merugu Gopichand. "Four layered approach to non-functional requirements analysis." arXiv preprint arXiv:1201.6141 (2012).

[31] He, D.W.; Kusiak, A., "Design of assembly systems for modular products," Robotics and Automation, IEEE Transactions on , vol.13, no.5, pp.646,655, Oct 1997.

[32] Yuan-Ping Luh; Chih-Chin Pan; Jian-Wei Su, "A study on modular design representation," Industrial Engineering and Engineering Management, 2007 IEEE International Conference on , vol., no., pp.1327,1331, 2-4 Dec. 2007.

[33] Jilanic, A.A.A.; Nadeem, A.; Tai-hoon Kim; Eun-suk Cho, "Formal Representations of the Data Flow Diagram: A Survey," Advanced Software Engineering and Its Applications, 2008. ASEA 2008 , vol., no., pp.153,158, 13-15 Dec. 2008.

[34] Arndt, T.; Guercio, A., "Decomposition of data flow diagrams," Software Engineering and Knowledge Engineering, 1992. Proceedings., Fourth International Conference on , vol., no., pp.560,566, 15-20 Jun 1992.

[35] Culjak, I.; Abram, D.; Pribanic, T.; Dzapo, H.; Cifrek, M., "A brief introduction to OpenCV," MIPRO, 2012 Proceedings of the 35th International Convention , vol., no., pp.1725,1730, 21-25 May 2012.

[36] Yanqing Wang; Shengbin Wang; Xiaojie Li; Hang Li; Jin Du, "Identifier Naming Conventions and Software Coding Standards: A Case Study in One School of Software," Computational Intelligence and Software Engineering (CiSE), 2010 International Conference on , vol., no., pp.1,4, 10-12 Dec. 2010.

[37] Yuanxing Zhao; Jing Gu; Chui Liu; Shumin Han; Yong Gao; Qingmao Hu, "License Plate Location Based on Haar-Like Cascade Classifiers and Edges,"Intelligent Systems (GCIS), 2010 Second WRI Global Congress on , vol.3, no., pp.102,105, 16-17 Dec. 2010.

[38] Hearst, M.A.; Dumais, S.T.; Osman, E.; Platt, J.; Scholkopf, B., "Support vector machines," Intelligent Systems and their Applications, IEEE , vol.13, no.4, pp.18,28, Jul/Aug 1998.

[39] Dalal, N.; Triggs, B., "Histograms of oriented gradients for human detection," Computer Vision and Pattern Recognition, 2005. CVPR 2005. IEEE Computer Society Conference on , vol.1, no., pp.886,893 vol. 1, 25-25 June 2005.

[40] IEEE Standard for System and Software Verification and Validation," IEEE Std 1012-2012 (Revision of IEEE Std 1012-2004) , vol., no., pp.1,223, May 25 2012.

[41] IEEE Standard for Software Unit Testing," ANSI/IEEE Std 1008-1987 , vol., no., pp.0\_1,, 1986.

[42] Labiche, Y., "Integration testing object-oriented software systems: An experiment-driven research approach," Electrical and Computer Engineering (CCECE), 2011 24th Canadian Conference on , vol., no., pp.000652,000655, 8-11 May 2011.

[43] Linnenkugel, U.; Mullerburg, M., "Test data selection criteria for (software) integration testing," Systems Integration, 1990. Systems Integration '90., Proceedings of the First International Conference on , vol., no., pp.709,717, 23-26 Apr 1990.