

BIBLIOGRAPHY

- [1] D. M. Gavrila, “The Analysis of Human Motion and its Application for Visual Surveillance”, 2nd IEEE international workshop on visual surveillance, vol. 27, pp.3-5, 1999.
- [2] J. K. Aggarwal & Q. Cai, “Human Motion Analysis: A review”, Computer Vision and Image Understanding [journal], vol. 73, pp. 428 - 440, 1999.
- [3] L. Wang, W. Hu & T. Tan, “Recent Developments in Human Motion Analysis”. Pattern Recognition journal, vol. 36, pp. 585–601, 2003.
- [4] R. T. Collins, A. J. Lipton & T. Kanade, “Introduction to Special Section on Video Surveillance”. IEEE Transactions on Pattern Analysis & Machine Intelligent, vol. 22, pp. 745–746. 2000.
- [5] R. T. Collins, A. J. Lipton & T. Kanade, “A system for Video Surveillance and Monitoring”, Technical report, CMU-RI-TR-00-12, 2000.
- [6] J. Heikkila & O. Silven, “A Real-time System for Monitoring of Cyclists and Pedestrians”, 2nd IEEE Workshop on Visual Surveillance, pp.74–81, 1999.
- [7] Anthony R. Dick & Michael J. Brooks, “Issues in Automated Visual Surveillance”. Proc: 7th Biennial Australian Pattern Recognition Society, vol. 1, pp: 195-203, 2003.
- [8] B. Jähne, “Computer Vision and Application”, 5th Edition, Springer, 2002.
- [9] Rafael, C. Gonzalez & Richard, E. Woods, “Digital Image Processing”, 2nd Edition, Prentice Hall, 2002.
- [10] Rafael, C. Gonzalez, Richard, E. Woods & Steven, L. Eddis, “Digital Image Processing Using MATLAB”, Prentice Hall Press, 2004.
- [11] R. Jain, R. Kastun & B.G. Schunck, “Machine Vision”, MIT Press and McGraw-Hill, Inc, 1995.
- [12] Edward A. Lee and P. Varaiya, “Structure and Interpretations of Signals and Systems”, 2003.

- [13] C. Wren, A. Azarbayejani & A. Pentland, "Pfinder: Real-time Tracking of the Human Body", IEEE Transactions on Pattern Analysis & Machine Intelligent, vol. 19, pp.780–785. 1997.
- [14] P. W. Power & J. A. Schoonees, "Understanding Background Mixture Models for Foreground Segmentation," in Proc. Image and Vision Computing New Zealand, pp. 267-271, Auckland, New Zealand, November 2002.
- [15] A. McIvor, Q. Zhang & R. Klette, "The Background Subtraction Problem for Video Surveillance Systems". Proc: International Workshop on Robot Vision, vol. 176, pp: 176 – 183, 2001.
- [16] C. Stauffer & W. Grimson, "Learning Patterns of Activity Using Real Time Tracking", IEEE Transactions on Pattern Analysis & Machine Intelligent, vol. 22, pp. 747–767, 2000.
- [17] A. Hakeem & M, Shah, "Learning, Detection, Representation, Indexing and Retrieval of Multi-Agent Events in Videos", In Artificial Intelligence Journal, vol. 171, Issue 8-9, pp.586-605, 2007.
- [18] A. Elgammal, D. Harwood & L. Davis, "Non-parametric Model for Background Subtraction", European Conference on Computer Vision (ECCV). vol. 2, pp. 751-767. 2000.
- [19] A. Elgammal, R. Duraiswami, D. Harwood & L. S. Davis, "Background and Foreground Modeling Using Nonparametric Kernel Density Estimation for Visual Surveillance", Proc. IEEE, vol. 90, Issue. 7, pp.1151–1163, 2002.
- [20] A. Yilmaz, J. Omer & M. Shah, "Object Tracking: A Survey", ACM Computing Surveys, vol. 38, No.13, pp. 1-45, 2006.
- [21] I. K. Sethi & R. Jain, "Finding Trajectories of Feature Points in a Monocular Image Sequence", IEEE Transactions on Pattern Analysis & Machine Intelligent, vol. 9, pp. 56–73. 1987.
- [22] V. Salari & I. K. Sethi, "Feature point correspondence in the presence of occlusion". IEEE Transactions on Pattern Analysis & Machine Intelligent, vol. 12, pp. 87–91. 1990.

- [23] K. Rangarajan & M. Shah, “Establishing Motion Correspondence”, IEEE Computer Society Conference on Computer Vision & Pattern Recognition, pp. 103–108. 1991.
- [24] S. Intille, J. Davis & A. Bobick, “Real-time closed-world tracking”, IEEE Computer Society Conference on Computer Vision and Pattern Recognition, pp. 697 –703. 1997.
- [25] C. Veenman, M. Reinders & E. Backer, “Resolving Motion Correspondence for Densely Moving Points”, In: IEEE Transactions on Pattern Analysis & Machine Intelligent, vol. 23, pp. 54–72. 2001.
- [26] K. Shafique & M. Shah, “A Non-iterative Greedy Algorithm for Multi-frame Ppoint Correspondence”, IEEE Transactions on Pattern Analysis & Machine Intelligent, vol. 27, pp. 51 – 65. 2003.
- [27] N. Vaswani, A. Roy Chowdhury & R. Chellappa, “Activity Recognition Using the Dynamics of the Configuration of Interacting Objects”, IEEE Computer Society Conference on Computer Vision and Pattern Recognition (CVPR), vol. 2, pp. 633–640, 2003.
- [28] M. Israd & A. Blake, “Condensation - Conditional Density Propagation for Visual Tracking”. International Journal of Computer Vision, vol. 29, pp. 5–28. 1998.
- [29] S. Zhou, R. Chellappa & B. Moghaddam, “Adaptive Visual Tracking and Recognition Using Particle Filters”, IEEE International Conference on Multimedia and Expo (ICME), vol. 1, pp: 349–352. 2003.
- [30] H. Schweitzer, J. W. Bell & F. Wu, “Very Fast Template Matching”, European Conference on Computer Vision (ECCV), vol. 2353 , pp.358–372. 2002.
- [31] D. Comaniciu, V. Ramesh & P. MEER, “Kernel-based Object Tracking”, IEEE Transactions on Pattern Analysis & Machine Intelligent, vol. 25 , pp. 564–575, 2003.
- [32] M. Black & A. Jepson, “Eigen tracking: Robust matching and tracking of articulated objects using a view-based representation”. International Journal of Computer Vision, vol. 26, pp. 63–84. 1998.
- [33] S. Avidan, “Support Vector Tracking”, IEEE Transactions on Pattern Analysis & Machine Intelligent, vol. 26, pp. 1064 – 1073, 2004.

- [34] B. X. Li, R. Chellappa, Qin F. Zheng & Sandor Z. Der, “Model-based Temporal Object Verification Using Video”, IEEE Transactions on Image Processing, vol. 10, pp.897–908, 2001.
- [35] D. Terzopoulos & R. Szeliski, “Tracking with Kalman Snakes”, Active Vision [Book], MIT Press, pp. 3-20. 1993.
- [36] A. Yilmaz, X. Li & M. Shah, “Contour Based Object Tracking with Occlusion Handling in Video Acquired Using Mobile Cameras”. In: IEEE Transactions on Pattern Analysis & Machine Intelligent, vol. 26 i11, pp. 1531–1536. 2004.
- [37] I. Haritaoglu, D. Harwood & L. Davis, “W4: Real-Time Surveillance of People and Their Activities”. IEEE Transactions on Pattern Analysis & Machine Intelligent, vol. 22, pp. 809–830. 2000.
- [38] T. N. Tan, G. D. Sullivan & K. D. Baker, “Model-based localization and recognition of road vehicles,” Int. J. Comput. Vis., vol. 29, no. 1, pp. 22–25, 1998.
- [39] T. Olson and F. Brill, “Moving object detection and event recognition algorithms for smart cameras,” in Proc. DARPA Image Understanding Workshop, 1997, pp. 159–175.
- [40] A. J. Lipton, H. Fujiyoshi, and R. S. Patil, “Moving target classification and tracking from real-time video,” in Proc. IEEE Workshop Applications of Computer Vision, pp. 8–14, 1998.
- [41] Hu Weiming; Tan Tieniu; Wang Liang and Maybank Steve,” A survey on visual surveillance of object motion and behaviors,” IEEE Trans. on Systems, Man. & Cybernetics. vol. 34, no. 3, pp: 334-352, 2004.