

References

- [1] J. Nakanishi, T. Fukuda, and D. E. Koditschek, "A Brachiating Robot Controller," *IEEE Trans. on Robotics and Automation*, vol. 16, pp. 109–123, 2000.
- [2] R.C. Gonzalez and R.E. Woods, *Digital Image Processing*, Boston, MA, Addison- Wesley Longman Publishing Inc., 1992.
- [3] S. Russell and P. Norvig, *Artificial Intelligence: A Modern Approach*, New-Delhi, India, Prentice Hall, 2003.
- [4] M. Jagersand and R. Nelson, "On-line Estimation of Visual-Motor Models using Active Vision," in *Proc. ARPA Image Understanding Workshop*, 1996.
- [5] D. Marocco and D. Floreano, "On-line Estimation of Visual-Motor Models using Active Vision," in *Proc. of the Seventh International Conference on Simulation of Adaptive Behavior on From Animals to Animats*, pp. 247–255, 2002.
- [6] N. Baba, L.C. Jain, R.J. Howlett, "Knowledge based intelligent information engineering systems & allied technologies," pp. 663-668, 2001.
- [7] Y.Amit, D.Geman, and X. Fan, "A Coarse-to-Fine Strategy for Multiclass Shape Detection," *IEEE Trans. on Pattern Analysis and Machine Intelligence*, vol. 26, no. 12, December 2004.
- [8] P.Peursum, S.Venkatesh, and G.A.W. West, "Using Interaction Signatures to Find and Label Chairs and Floors," *IEEE Trans. on Pervasive Computing*, vol. 3, no. 4, pp. 58–65, October–December 2004
- [9] A.G. Hanbury and J. Serra, "Morphological Operators on the Unit Circle," *IEEE Trans. on image processing*, vol. 10, no. 12, pp. 1842 -1850, December 2001

- [10] Z. Duric, W. D. Gray, R. Heishman, F. Li, A. Rosenfeld, M. J. Schoelles, C. Schunn, and H. Wechsler, "Integrating Perceptual and Cognitive Modeling for Adaptive and Intelligent Human-Computer Interaction," in Proc. of the IEEE, vol. 90, no. 7, pp. 1272 – 1289, July 2002.
- [11] J. Jiang, M.G. Liu, and C.H. Hou, "Texture-Based Image Indexing in the Process of Lossless Data Compression," in IEE Proc. of Image Signal Process., Vol. 150, No. 3, pp. 198-204, June 2003.
- [12] T.M. Jochem, "Vision Based Tactical Driving," Master Thesis, Carnegie Mellon University, Pittsburgh, January 1996.
- [13] J. Kim, and T. Chen, "Combining Static and Dynamic Features Using Neural Networks and Edge Fusion for Video Object," in IEE Proc. of Image Signal Process., Vol. 150, No. 3, pp. 160-167, June 2003.
- [14] A. Benschrair, M. Bertozzi, A. Broggi, P. Mich'è, S. Mousset, and G. Toulminet, "A Cooperative Approach to Vision-based Vehicle Detection," in Proc. of the IEEE Intelligent Transportation Systems Conference, Oakland (CA), USA, pp. 209-214, August 25-29, 2001.
- [15] M. Bertozzi, A. Broggi, P. Grisleri, A. Tibaldi, and M. Del Rose, "A tool for vision based pedestrian detection performance evaluation," in Proc. of the IEEE Intelligent Vehicles Symposium, University of Parma, Parma, Italy, pp.784-789, June 14-17, 2004
- [16] M. Bertozzi, A. Broggi, M. Cellario, A. Fascioli, P. Lombardi, and M. Porta, "Artificial Vision in Road Vehicles," in proceedings of the IEEE artificial vision in road vehicles, vol. 90, no. 7, pp.1258-1271, July 2002
- [17] A. Broggi, M. Bertozzi, A. Fascioli, and M. Sechi, "Shape-based Pedestrian Detection," in Proceedings of the IEEE Intelligent Vehicles Symposium, Dearbon (MI), USA, pp. 215-220, October 3-5, 2000

- [18] A. Broggi, "Parallel and Local Feature Extraction: A Real Time Approach to Road Boundary Detection," IEEE Trans. on image processing, vol. 4, no. 2, pp. 217 -223, February 1995.
- [19] A. Broggi, A. Fascioli, M. Carletti T. Graf, and M. Meinecke, "A Multi-resolution Approach for Infrared Vision-based Pedestrian Detection," in proceedings of the IEEE Intelligent Vehicles Symposium, University of Parma, Italy, pp. 7-12, June 14-17, 2004.
- [20] X.D. Jiang, "Image Detail Preserving Filter for Impulsive Noise Attenuation," in IEE Proc. of Image Signal Process., Vol. 150, No. 3, pp. 179-185, June 2003.
- [21] K. D. Rao, M.N.S. Swamy, and E.I. Plotkin, "Adaptive Filtering Approaches for Color Image and Restoration," in IEE Proc. of Image Signal Process., Vol. 150, No. 3, pp. 179-185, June 2003.
- [22] L. Yurong, "Motion Tracking in Active Vision System," Master Thesis, Department of Electrical and computer Engineering University of Louisville, May 2001.
- [23] I. T. Young, J. J. Gerbrands, and L. J. V. Vliet, "Fundamentals of Image Processing," Delft University of Technology, Netherlands 1998.
- [24] NCR-iTRAN 8000 & 180e/300e Item Processing Transport Course Participants Guide, Course Nos.19245,20264, NCR Corporation, USA, September 2004, pp. 6-3 – 6-10, 6A-27-6A-39.
- [25] NCR-iTRAN 180e/300e Item Processing Transport On-Site Repair Information, NCR Corporation, USA, B004-0000-0430,02.00.00, September 2004, pp 6-11 – 6-25(CD ROM)