

References

- Besag, J. (1986). On the statistical analysis of dirty pictures. *J. R. Statist. Soc. B*, 48(3):259–302.
- Bishop, C. M. (1995). *Neural networks for pattern recognition*. Oxford.
- Blake, A. and Isard, M. (1998). *Active contours*. Springer.
- Blake, A., Isard, M., and Reynard, D. (1995). Learning to track the visual motion of contours. *J. Artificial Intelligence*, 78:101–134.
- Boykov, Y. and Jollie, M.-P. (2001). Interactive graph cuts for optimal boundary and region segmentation of objects in N-D images. In *Proc. Int. Conf. on Computer Vision*, pages CD-ROM.
- Boykov, Y., Veksler, O., and Zabih, R. (2001). Fast approximate energy minimization via graph cuts. *IEEE Transactions on Pattern Analysis and Machine Intelligence*, 23(11).
- D.M.Greig, B.T.Porteous, and Seheult, A. (1989). Exact MAP estimation for binary images. *J. Royal Statistical Society*, 51:271–279.
- Doucet, A., de Freitas, N., and Gordon, N. (2001). *Sequential Monte Carlo methods in practice*. Springer.
- Durbin, R., Eddy, S., Krogh, A., and Mitchison, G. (1998). *Biological sequence analysis*. Cambridge.
- Freeman, W. and Pasztor, E. (1999). Learning to estimate scenes from images. In *Advances in Neural Information Processing Systems 11*. MIT Press.
- Freeman, W. T., Pasztor, E. C., and Carmichael, O. T. (2000). Learning low-level vision. *Intl. J. Computer Vision*, 40(1):25–47. See <http://www.merl.com/reports/TR2000-05/>.
- Frey, B. and Jovic, N. (1999). Transformed component analysis: joint estimation of spatial transformation and image components. In *Proc. Int. Conf. on Computer Vision*.
- Frey, B. and Jovic, N. (2000). Learning graphical models of images, videos and their spatial transformations. In *Proc. Conf. Uncertainty in Artificial Intelligence*.
- Gelb, A., editor (1974). *Applied Optimal Estimation*. MIT Press, Cambridge, MA.
- Geman, S. and Geman, D. (1984). Stochastic relaxation, Gibbs distributions, and the Bayesian restoration of images. *IEEE Trans. on Pattern Analysis and Machine Intelligence*, 6(6):721–741.
- Gordon, N., Salmond, D., and Smith, A. (1993). Novel approach to nonlinear/non-Gaussian Bayesian state estimation. *IEE Proc. F*, 140(2):107–113.
- Huang, X., Arika, Y., and Jack, M. (1990). *Hidden Markov Models for Speech Recognition*. Edinburgh University Press.
- Isard, M. and Blake, A. (1996). Visual tracking by stochastic propagation of conditional density. In *Proc. 4th European Conf. Computer Vision*, pages 343–356, Cambridge, England.
- Jordan, M. I., editor (1998). *Learning in graphical models*. MIT Press.
- North, B., Blake, A., Isard, M., and Rittscher, J. (2000). Learning and classification of complex dynamics. *IEEE Trans. on Pattern Analysis and Machine Intelligence*, 22(9):1016–1034.
- Rabiner, L. and Bing-Hwang, J. (1993). *Fundamentals of speech recognition*. Prentice-Hall.
- Rabiner, L. and Juang, B. (1989). A tutorial on hidden Markov models. *Proc. IEEE*, 77(2):257–286.
- Szeliski, R. (1990). Bayesian modeling of uncertainty in low-level vision. *Intl. J. Comp. Vis.*, 5(3):271–301.
- Tappen, M. F., Freeman, W. T., and Adelson, E. H. (2003). Recovering intrinsic images from a single image. volume 15. MIT Press.
- Winkler, G. (1995). *Image analysis, random fields and dynamic monte carlo methods*. Springer.
- Yedidia, J., Freeman, W. T., and Weiss, Y. (2001). Understanding belief propagation and its generalizations. In *International Joint Conference on Artificial Intelligence (IJCAI 2001)*. Distinguished Papers Track.