

References

- [1] Andrews, D. F., Bickel, P. J., Hampel, F. R., Huber, P. J., Rogers, W. H. and Tukey, J. W. (1972). *Robust Estimates of Location*. Survey and Advances. Princeton University Press, Princeton.
- [2] Chu, C. K., Glad, I. K., Godtliebsen, F., Marron, J. S. (1998). Edge-Preserving Smoothers for Image Processing. *J. Amer. Statist. Assoc.* 93, 526-541.
- [3] Clarke, B. R. (1983). Uniqueness and Frechét Differentiability of Funktional Solutions to Maximum Likelihood Type Equations. *Ann. Statist.* 4, 1196-1205
- [4] Collins, J. R. (1976). Robust Estimation of a Location Parameter in the Presence of Asymmetry. *Ann. Statist.* 4, 68-85.
- [5] Eubank, R. L. (1988). *Spline Smoothing and Nonparametric Regression*. Marcel Dekker, New York.
- [6] Fan, J. and Gijbels, I. (1996). *Local Polynomial Modelling and Its Applications*. Chapman and Hall, London.
- [7] Freedman, D. A. and Diaconis, P. (1982). On Inconsistent M-Estimators. *Ann. Statist.* 10, 454-461.
- [8] Härdle, W. and Gasser, T. (1984). Robust Nonparametric Function Fitting. *J. R. Statist. Soc. B* 46, 42-51.
- [9] Hampel, F. R. (1971). A General Qualitative Definition of Robustness. *Ann. Math. Statist.* 42, 1887-1896.
- [10] Hampel, F. R., Rousseeuw, P. J., Ronchetti, E. (1981). The Change-of Variance Curve and Optimal Redescending M-Estimators. *J. Amer. Statist. Assoc.* 76, 643-648.
- [11] Hampel, F., Ronchetti, E., Rousseeuw, P. and Stahel, W. (1986). *Robust Statistics: The Approach Based on Influence Functions*. Wiley, New York.
- [12] Huber, P. (1964). Robust Estimation of a Location Parameter. *Ann. Math. Statist.* 36, 73-101.
- [13] Huber, P. (1981). *Robust Statistics*. Wiley, New York.
- [14] Jurečková, J. and Sen, P. K. (1996). *Robust Statistical Procedures. Asymptotics and Interrelations*. Wiley, New York.

- [15] Korostelev, A. P. and Tsybakov, A. B. (1993). *Minimax Theory of Image Reconstruction*. Springer-Verlag, New York.
- [16] Leung, D. H. Y., Marriott, F. H. C. and Wu, E. K. H (1993). Bandwidth Selection in Robust Smoothing. *Journal of Nonparametric Statistics* 2, 333-339.
- [17] Meer, P., Mintz, D., Rosenfeld, A. (1990). Least Median of Squares Based Robust Analysis of Image Structure. *Proc. DARPA Image Understanding Workshop*, Pittsburgh, PA, 231-254.
- [18] Meer, P., Mintz, D., Rosenfeld, A. (1991). Robust Regression Methods for Computer Vision: a Review. *International Journal of Computer Vision* 6:1, 59-70.
- [19] Mizera, I. (1994). On Consistent M-Estimators: Tuning Constants, Unimodality and Breakdown. *Kybernetika* 30, 289-300.
- [20] Mizera, I. (1996). Weak Continuity of Redescending M-Estimators of Location with an Unbounded Objective Function. *Tatra Mountains Math. Publ.* 7, 343-347.
- [21] Müller, C. H. (1997). *Robust Planning and Analysis of Experiments*. Lecture Notes in Statistics 124. Springer, New York.
- [22] Müller, C. H. (1999). On the Use of High Breakdown Point Estimators in the Image Analysis. *Tatra Mountains Math. Publ.* 17, 283-293.
- [23] Müller, C. H. (2002). Comparison of High-Breakdown Point Estimators for Image Denoising. *Allgemeines Statistisches Archiv* 86, 1-15.
- [24] Parzen, E. (1962). On Estimation of a Probability Density Function and Mode. *Ann. Math. Statist.* 33, 1065-1076.
- [25] Portnoy, S. L. (1977). Robust Estimation in Dependent Situations. *Ann. Stat.* 5, 22-43.
- [26] Rieder, H. (1994). *Robust Asymptotic Statistics*. Springer, New York.
- [27] Rousseeuw, P. J. (1984). Least Median of Squares Regression. *J. Amer. Statist. Assoc* 79, 871-880.
- [28] Rousseeuw, P. J. and Leroy, A. M. (1987). *Robust Regression and Outlier Detection*. John Wiley, New York.
- [29] Rousseeuw, P. J. and Van Aelst, S. (1999). Positive-Breakdown Robust Methods in Computer Vision. *Computing Science and Statistics* 31, 451-460.

- [30] Serfling, R. (1980). *Approximation Theorems of Mathematical Statistics*. Wiley, New York.
- [31] Shikin, E. V. (1995). *Handbook and Atlas of Curves*. CRC Press, Boca Raton.
- [32] Simonoff, J. S. (1996). *Smoothing Methods in Statistics*. Springer, New York.
- [33] Smith, S. M. and Brady, J. M. (1995). *SUSAN - A New Approach to Low Level Image Processing*. Technical Report TR95SMS1, Department of Clinical Neurology, Oxford University.
- [34] Tsybakov, A. B. (1986). Robust Reconstruction of Functions by the Local-Approximation Method. *Problems in Information Transmission* 22, 133-146.