

Bibliography

- Abur, A., H. Kim, and M. K. Çelik (1995), Identification of unknown circuit breaker statuses in power networks, *IEEE Transactions on Power Systems*, **10**, 2029-2037.
- Anderson, R. L. (1959), Use of contingency tables in the analysis of consumer preference studies, *Biometrics*, **15**, 582-590.
- Box, G. E. P., and D. R. Cox (1964), An analysis of transformations (with discussion), *Journal of the Royal Statistical Society, Series B*, **26**, 211-246.
- Beaton, A. E., and J. W. Tukey (1974), The fitting of power series, meaningful polynomials, illustrated on band spectroscopic data, *Technometrics*, **16**, 147-185.
- Blomqvist, N. (1950), On a measure of dependence between two random variables, *Annals of Mathematical Statistics*, **21**, 593-600.
- Bose, A., and K. A. Clements (1987), Real time modeling of power systems, *IEEE Proceedings*, **75**, 1607-1622.

- Brown, G. W. and A. M. Mood (1948), Homogeneity of several samples, *The American Statistician*, **2**, (3) 22
- Brown, G. W. and A. M. Mood (1951), On median tests for linear hypotheses, *Proceedings of the Second Berkley Symposium on Mathematical Statistics and Probability*, Edited by J. Neyman, University of California Press: Berkley, 159-166
- Çelik, M. K., and A. Abur, (1991), A robust WLAV state estimator using transformations, *IEEE PES Winter Meeting 1991*, New York.
- Clements, K. A., and P. W. Davis (1988), Detection and identification of topology errors in electric power systems, *IEEE Transactions on Power Systems*, **3**, 1748-1753.
- Clements, K. A., P. W. Davis, and K. D. Frey (1991), An interior point algorithm for weighted least absolute value power system state estimation, *IEEE PES Winter Meeting 1991*, New York.
- Clements, K. A., and A. S. Costa (1998), Topology error identification using normalized Lagrange multipliers, *IEEE Transactions on Power Systems*, **13**, 347-353.
- Coakley, C. W., and T. P. Hettmansperger (1992), Breakdown bounds and expected test resistance, *Journal of Nonparametric Statistics*, **1**, 267-276.
- Coakley, C. W., and T. P. Hettmansperger (1994), The maximum resistance of tests, *Australian Journal of Statistics*, **36**, 225-233.
- Costa A. S., and J. A. Leão (1993), Identification of topology errors in power system state estimation, *IEEE Transactions on Power Systems*, **8**, 1531-1538.

- Donoho, D. L., and P. J. Huber (1983), The notion of breakdown point, *A Festschrift for Erich Lehmann*, Edited by P. J. Bickel, K. A. Doksum, J. L. Hodges, Wadsworth: Belmont, Ca., 157-184.
- Friedman, M. (1937), The use of ranks to avoid the assumption of normality implicit in analysis of variance, *Journal of the American Statistical Association*, **32**, 675-701.
- Ghassemian, A. (1997), Robust statistical methods for measurement calibration in large electrical power systems, Unpublished Ph.D. dissertation, Bradley Department of Electrical Engineering, Virginia Polytechnic Institute and State University.
- Hewer, G. A., R. D. Martin, and J. Zeh (1987), Robust preprocessing for Kalman Filtering of glint noise, *IEEE Transactions on Aerospace and Electronic Systems*, **AES-23**, 120-128.
- Huber, P. J. (1964), Robust estimation of a location parameter, *Annals of Mathematical Statistics*, **35**, 73-101.
- Huber, P. J. (1973), Robust regression: Asymptotics, conjectures, and Monte Carlo, *Annals of Mathematical Statistics*, **43**, 1041-1067.
- Irving, M. R., and Sterling M. J. H. (1982), Substation Data Validation, *IEEE Proceedings, Part C*, **129**, 119-122.
- Jensen, D. R., and Y. V. Hui (1982), Efficiency of Friedman's χ_r^2 test under dependence, *Journal of the American Statistical Association*, **77**, 468-474.
- Kruskal, W. H., and W. A. Wallis (1952), Use of ranks in one-criterion analysis of variance, *Journal of the American Statistical Association*, **47**, 583-621; errata, *ibid.*, **48**, 907-911.

- Merrill H. M., and F. C. Schweppe (1971), Bad data suppression in power system static state estimation, *IEEE Transactions on Power Apparatus and Systems*, **PAS-90**, 2718-2725.
- Mili, L. M., V. Phaniraj, and P. J. Rousseeuw (1990), Robust estimation theory for bad data diagnostics in electric power systems, *Control and Dynamic Systems*, **37**, 271-325.
- Mili, L. M., V. Phaniraj, and P. J. Rousseeuw (1991), Least median of squares estimation in power systems, *IEEE Transactions on Power Systems*, **6**, 511-523.
- Mili, L. M., M.G. Cheniae, and P.J. Rousseeuw (1994), Robust state estimation of electric power systems, *IEEE Transactions on Circuits and Systems*, **41**, 349-358.
- Mili, L. M., M.G. Cheniae, N. S. Vichare and P.J. Rousseeuw (1996), Robust state estimation based on projection statistics, *IEEE Transactions on Power Systems*, **11**, 1118-1127.
- Mili, L. M., and C. W. Coakley, (1996), Robust estimation in structured linear regression, *Annals of Statistics*, **24**, 2593-2607.
- Monticelli, A. (1993), Modeling circuit breakers in weighted least squares state estimation, *IEEE Transactions on Power Systems*, **8**, 1143-1149.
- Nucera, R. R., and M. L. Gilles, (1991), Observability analysis: a new topological algorithm, *IEEE Transactions on Power Systems*, **6**, 466-475.
- Quade, D., (1984), Nonparametric methods in two-way layouts, *Handbook of Statistics*, **4**, Edited by P. R. Krishnaiah and P. K. Sen, Elsevier Science Publishers: Amsterdam, 185-228

- Rousseeuw, P. J., and A. M. Leroy (1987), *Robust Regression and Outlier Detection*, New York: John Wiley & Sons, Inc.
- Scheweppe, F. C., and J. Wildes (1970), Power system static state estimation, part I: exact model , *IEEE Transactions on Power Apparatus and Systems*, **PAS-89**, 120-125.
- Scheweppe, F. C., and D. B. Rom (1970), Power system static state estimation, part II: approximate model , *IEEE Transactions on Power Apparatus and Systems*, **PAS-89**, 125-130.
- Simpson, D. G. (1989), Hellinger Deviance tests: Efficiency, breakdown Points, and examples, *Journal of the American Statistical Association*, **84**, 107-113.
- Singh, N., and F. Oesch (1994), Practical experience with rule-based on-line topology error detection, *IEEE Transactions on Power Systems*, **9**, 841-847.
- Spearman, C. (1904), The proof and measurement of association between two things, *American Journal of Psychology*, **15**, 72-101.
- Van Slyck, L. S., and J. Allemong (1988), Operating experience with the AEP state estimator, *IEEE Transactions on Power Systems*, **3**, 521-528.
- Wilcoxon, F. (1945), Individual comparisons by ranking methods, *Biometrics*, **1**, 80-83.
- Wormleighton, R. (1959), Some tests of permutation symmetry, *Annals of Mathematical Statistics*, **30**, 1005-1017.
- Wu F. F., and W. H. Liu (1989), Detection of topology errors by state estimation, *IEEE Transactions on Power Systems*, **4**, 176-183.

Ylvisaker, D. (1977), Test resistance, *Journal of the American Statistical Association*, **72**, 551-556.

Zayed, H., and D. Quade (1997), A note on the distribution of the resistance of ranks tests, *Communication in Statistics - Theory and Methodology*, **26**, 1867-1875.

Zayed, H., and D. Quade (1997), On the resistance of rank correlation, *Journal of Statistical Computing and Simulation*, **58**, 59-81.