

REFERENCES

12. Guttman I. and Medoff J., Measures of nonlinearity, *Technometrics* 7 (1965), 623-637.
13. Halperin M., Confidence interval estimation in nonlinear regression, *J.R. Statist. Soc. B*, 20 (1961), 330-337.
1. Bates D.M. and Watts D.G., Relative curvature measures of nonlinearity (with discussion), *J.R. Statist. Soc. B*, 42 (1980), 1-25.
2. Beale E.M.L., Confidence regions in nonlinear estimation (with discussion), *J.R. Statist. Soc. B*, 22 (1960), 41-88.
3. Box M.J., Bias in nonlinear estimation (with discussion), *J.R. Statist. Soc. B*, 32 (1971), 171-201.
4. Businger P. and Golub G.H., Linear least squares solutions by Householder transformations, *Num. Math.* 7 (1965), 269-276.
5. Clarke G.P.Y., Moments of the least squares estimators in a nonlinear regression model, *J.R. Statist. Soc. B*, 42 (1980), 227-237.
6. Cook R.D. and Goldberg M.L., Curvatures for parameter subsets in nonlinear regression, *Computer Science and Statistics: The interface*, D.M. Allen (ed.), Elsevier Science Publishers B.V. (North Holland), (1986).
7. Donaldson J.R. and Schnabel R.B., Computational experience with confidence regions and confidence intervals for nonlinear least squares, *Computer Science and Statistics: The interface*, D.M. Allen (ed.), Elsevier Science Publishers B.V. (North Holland), (1986).
8. Draper N.R. and Smith H., *Applied Regression Analysis*, Wiley, New York, (1981).
9. Gallant A.R., The power of likelihood ratio test of location in nonlinear regression models, *J. Amer. Statist. Assoc.* 70 (March 1975a), 198-203.
10. Gallant A.R., Testing a subset of the regression parameters of a nonlinear regression model, *J. Amer. Statist. Assoc.* 70 (December 1975b), 927-932.
11. Golub, G.H., Numerical methods for solving linear least squares problems, *Num. Math.* 7 (1965), 206-216.

12. Guttman I. and Meeter D.A., Beale's measures of nonlinearity, *Technometrics* 7 (1965), 623-637.
13. Halperin M., Confidence interval estimation in nonlinear regression, *J.R. Statist. Soc. B*, 25 (1963), 330-333.
14. Hamilton D. and Wiens D., Correction factors for *F* ratios in nonlinear regression, *Biom.* 74, 2 (1987), 423-425.
15. Hartley H.O., Exact confidence regions for the parameters in nonlinear regression laws, *Biom.* 51 (1964), 347-353.
16. Jenrich R.I., Asymptotic properties of nonlinear least squares estimators, *Ann. Math. Statist.* 40 (1969), 633-643.
17. Johansen S., Some topics in regression, *Scand. J. Statist.* 10 (1983), 161-194.
18. Khoo K.C. and Pooi A.H., Adjustment of interval estimates based on local linearization in a nonlinear model, *Malays. J. of Science* 15B (1994), 49-52.
19. Linssen H.N., Nonlinearity measures: a case study, *Statist. Neerland.* 29 (1975), 93-99.
20. Malinvaud E., The consistency of nonlinear regressions, *Ann. Math. Statist.* 41 (1970), 956-959.
21. Miliken G.A. and DeBruin R.L., A procedure to test hypothesis for nonlinear models, *Commun. Statist. - Theor. Math.* A7(I) (1978), 65-79.
22. Pooi A.H., Testing hypotheses concerning nonlinear parametric functions, Research Report No. 15/80 (June 1980).
23. Pooi A.H., Region estimates based on likelihood ratio in a nonlinear model, *Bull. Malays. Math. Soc.* (Second Series) 12 (1989), 73-82.
24. Pooi A.H. and Loke L.M., Powers of likelihood ratio tests in a nonlinear model, *Bull. Malays. Math. Soc.* (Second Series) 12 (1989), 33-54.
25. Pooi A.H., Prediction intervals in nonlinear regression, *Biom. J.* 33 (1991a)5, 559-571.
26. Pooi A.H., Region estimates based on likelihood ratio in a nonlinear model with unknown error variance, *Bull. Malays. Math. Soc.* (Second Series) 14 (1991b), 73-78.

27. Pooi A.H., Interval estimates based on likelihood ratio in a nonlinear regression model. Bull. Malays. Math. Soc. (Second Series) 15 (1992). 37-46.
28. Pooi A.H. and Khoo K.C., Coverage probability of the interval estimates based on local linearization, Bull. Inst. Math. Academia Sinica Vol. 19 No. 4 (1991), 303-312.
29. Pooi A.H., Expected coverage of prediction intervals in a two-parameter nonlinear model. Research Report No. 8/86 (June 1986).
30. Pooi A.H., Comparison of interval estimates in nonlinear regression, Research Report No. 7/88 (February 1988).
31. Stol Ph. Th., A contribution to theory and practice of nonlinear parameter optimization, Agricultural Research Reports 835, Centre for Agricultural Publishing and Documentation, Wageningen. (1975).
32. Wald A., Tests of statistical hypotheses concerning several parameters when the number of observations is large, Trans. Amer. Math. Soc. 54 (1943), 426-482.
33. Williams E.J., Exact fiducial limits in nonlinear estimation, J.R. Statist. Soc. B, 24 (1962), 125-139.
34. Wu C.F., Asymptotic theory of nonlinear least squares estimation, Ann. Math. Statist. 9 (1981), 501-513.
35. Wu S.L., Region estimates based on local linearization in a nonlinear model (1989), M.Sc. dissertation, Department of Mathematics, University of Malaya. Kuala Lumpur. Malaysia.
36. Goh K.L. and Pooi A.H.(*), Adjustment of prediction intervals in nonlinear regression. (Has been submitted for consideration of publication).
37. Pooi A.H.(*), Adjustment of confidence intervals in nonlinear regression. (Unpublished).