

## DAFTAR PUSTAKA

- [A1] Akin, J.E., "*Finite Element*" (Draft Version), 2004
- [A2] AYAD, R., "*Evaluation des differents elements quadrilateraux pour les problemes de plaques avec cisaillement transversal*", Rapport interne, Division MNM, Decembre 1989
- [B1] Babuska I., Rheinboldt W.C. "*A-posteriori error estimates for the finite element method*", Int. J. Num. Meth. Engineering., VOL.12, 1597-1659, 1978
- [B2] Babuska and Strouboulis, "*The FEM and its Reliability.*", 2001
- [B3] Beckers, P. dans Zhong, H.G., "*Revue des Estimateurs d'Erreur A Posteriori et Experiences Numeriques Sur l'Adaptation des Maillages Elements Finis*", Communication a presenter au cours de la journee d'etude organisee par l'IPSI sur le "Controle Adaptif de la Qualite des Calculs Elements Finis", le 5 Novembre a Paris, France, 1992
- [B4] Bernardi "*New applications of A Posteriori analysis*", Laboratoire Jacques-Louis Lions, C.N.R.S. & Universit'e Pierre et Marie Curie, B.C. 187, 4 place Jussieu, 75252 Paris Cedex 05, France
- [B5] Boroomand B, "*An Improved REP Recovery and the effectivity robustness test*", Int. J. Num. Meth. Engng., VOL. 40, 3247-3277, 1997
- [B6] Babuska I., Strouboulis T., Uphadyay C.S., Gangaraj S.K. and Copps K., "*Validation of A Posteriori Error Estimators by Numerical Approach*", Int. J. Num. Meth. Engineering, VOL 37, 1073-1123, 1994
- [B7] Babuska I., Strouboulis T., Uphadyay C.S., "*A Model Study of The Quality of A Posteriori Estimators for Linier Eliptic Problems*", Comput. Methods Appl. Mech. Eng, Vol 114, 307-378, 1994
- [G1] Gago J.P. "*A posteriori error analysis and adaptivity for the finite element method*", Ph.D. thesis, University of Wales, Swansea, U.K., 1982

- [G2] Gago J.P., Zienkiewicz O.C., Babuska I., Kelly D.W., "A posteriori error analysis and adaptive processes in the finite element method: Part I Error analysis", *Int. J. Num. Meth. Engng.*, VOL.19, 1593-1619, 1983
- [H1] Herrmann L.R., "Interpretation of Finite Element Procedures in Stress Error Minimization", *Proc. Am. Soc. Civ. Eng.*, 98(EMS), 1331-36, 1972
- [H2] Hinton E. and Campbell J., "Local and Global Smoothing of Discontinuous Finite Element Function Using a Least Square Method", *Int. J. Num. Meth. Engineering*, VOL 8, 461-80, 1974
- [H3] Hinton E., "Least Square Analysis Using Finite Elements", MSc. Thesis, University of Wales, Swansea, C/M/43/68, 1968
- [H4] Hadi J., "Implementasi Estimator Error  $Z^2$  pada Elemen Pelat Lentur DKMQ", Tesis Magister Teknik, Jakarta : FTUI, 2000
- [I1] Indra K A H., "Metode Superconvergent Patch Recovery untuk Error Estimator  $Z^2$  pada Elemen Pelat Lentur DKMQ", Skripsi, Jakarta : FTUI, 2004
- [K1] Kikuchi N. "Adaptive grid design for finite element analysis in optimization: Part I. Review of finite element error analysis; Part II. Grid optimization; Part III. Shape optimization", in "Computer aided optimal design, structural and mechanical systems" (VOL.2), edit. Mota Soares C.A., 307-363, 1986
- [K2] Katili I., "A new discrete Kirchoff-Mindlin elemen based on Mindlin-Reissner plate theory an assumed shear strain fields. Part 2 : An extended DKQ element for thick-plate bending analysis", *IJNME*, 36, 1885-1908, (1993).
- [K3] Katili, I., "Metode Elemen Hingga Untuk Pelat Lentur", UI-PRESS, 2004
- [L1] Ladevèze P, "Nouvelle procédure d'estimation d'erreur relative à la méthode des éléments finis et applications", *Journées Eléments Finis*, Rennes, France, 1977
- [M1] MORLEY, L.S.D., "Skew plates and structures", Pergamon, Oxford, 1963.
- [M2] Mekani D., "Implementasi Estimator Kesalahan  $Z^2$  Pada Elemen Pelat Lentur MITC", Tesis Magister Teknik, Jakarta : FTUI, 2001
- [O1] Oden and Ainsworth "A Posteriori Error Estimation in FEA.", 2000

- [O2] Oden J.T. and Brauchli H.J., “*On the Calculation of Consistent Stress Distribution in Finite Element Applications*”, Int. J. Num. Meth. Engineering., VOL. 3, 317-325, 1971
- [P1] Prudhomme S., Oden J.T. “*Simple Techniques to Improve The Reliability of A Posteriori Error Estimates For Finite Element Approximations*”, European Conference on Computational Mechanics, June 26-29, Cracow, Poland, 2001
- [R1] RAZZAQUE, A., “*Program for triangular bending element with derivative smoothing*”, IJINME, Vol. 6, p. 333-343, 1973
- [V1] Verfurth ,” *A Review of A Posteriori Error Estimation and Adaptive Mesh-refinement Techniques.*”, 1996
- [Z1] Zienkiewicz O.C, Zhu J.Z. "A simple error estimator and adaptive procedure for practical engineering analysis", IJINME, VOL.24, 337-357, 1987
- [Z2] Zhong H.G., Beckers P. "Equilibrium default error estimators for the finite element solution", Int. Rep. SA-139, LTAS, University of Liège, Belgium, 1990
- [Z3] Zienkiewicz O.C., Zhu J.Z. "The superconvergence patch recovery and a posteriori error estimation in the finite element method, Part 1: The recovery technique ", Int. J. Num. Meth. Engng., VOL.33, 1331-1364,1992
- [Z4] Zienkiewicz O.C., Zhu J.Z., Craig A.W., Ainsworth M., “*Analysis of The Zienkiewicz-Zhu A-Posteriori Error Estimator In The Finite Element Method*”, Int. J. Num. Meth. Engineering., VOL.28, 2161-2174, 1989
- [Z5] Zienkiewicz O.C., Taylor R.L., “*The Finite Element Method Volume 1 : The Basis*”, Fifth Edition, Butterworth-Heinemann, 2000
- [Z6] Zienkiewicz O.C., Zhu J.Z. "The superconvergence patch recovery and a posteriori error estimation in the finite element method, Part 2: Error estimates and adaptivity ", Int. J. Num. Meth. Engng., VOL.33, 1364-1382,1992
- [Z7] Zienkiewicz, O.C. and Zhu, J.Z., “*Error Estimates and Adaptive Refinement for Plate Bending Problems*”, Int. J. Num. Meth. in Engng, Vol 28, p 2839-2853, 1989