


110. T. T. Lu and Zi-Cai Li. The cracked-beam problem solved by the boundary approximation method. APPLIED MATHEMATICS LETTERS, 18(1):11–16, 2005. [SCI, NSYSU].


117. H. T. Huang and Zi-Cai Li. Effective condition number and superconvergence of the Trefftz method coupled with high order FEM for singularity problems. ENGINEERING ANALYSIS WITH BOUNDARY ELEMENTS, 30(4):270–283, 2006. [SCI, NSYSU].


132. Q. Lin, H. T. Huang, and Zi-Cai Li. New expansions of numerical eigenvalues for $\delta u = \lambda \rho u$ by nonconforming elements. MATHEMATICS OF COMPUTATION, 77(264):2061–2084, 2008. [SCI, NSYSU].
137. Zi-Cai Liand Qing Fang, Song Wang, and Hsin-Yun Hu. Superconvergence of solution derivatives of the shortley-weller difference approximation to elliptic equations with singularities involving the mixed type of boundary conditions. NUMERICAL FUNCTIONAL ANALYSIS AND OPTIMIZATION, 29:161–196, 2008. [SCI, NSYSU].


163. J. Huang, G. Zeng, X. He, and Zi-Cai Li. Splitting extrapolation algorithm for first kind boundary integral equations with singularities by mechanical quadrature methods. ACCEPTED BY ADVANCES IN COMPUTATIONAL MATHEMATICS, 2010. [SCI, NSYSU].

164. Zi-Cai Li, H. T. Huang, and Y. Wei. ill-conditioning of the truncation singular value decomposition and the Tikhonov regularization and their application to numerical partial differential equations. revised version for Numerical Linear Algebra with Applications. [SCI, NSYSU].

165. Zi-Cai Li. Error analysis for hybrid TreIfz methods coupling traction conditions in linear elastostatics, a comparison. revised version for Numerical Methods for PDE, 2010. [SCI, NSYSU].

(B) 專書及其他著作


