

## 博士論文(1969 2002)

年代	作者	指導教授	論文名稱	學校系所
1969	P.K. Banerjee	R. Butterfield	A contribution to the study of axially loaded pile foundations	Southampton University
1980	羅俊雄	茅聲濤	樓房結構物地震反應之多重輸入與輸出系統識別研究	台大土木所
1980	林聰悟	葉超雄	埋置結構物承受水平剪力波之反應分析	台大土木所
1982	M.T. Abbaspour	P. Liu	Application of boundary integral equation method to water wave problems	Cornell University
1983	黃燦輝	葉超雄	邊界積分法在三維隧道分析之研究	台大土木所
1984	何有忠	葉超雄	複變函數在邊界法求解動態問題之研究	台大土木所
1984	A.C. Kaya	F. Erdogan	Application of integral equations with strong singularities in fracture mechanics	Lehigh University
1986	M. Akkari	J. R. Hutchinson	Boundary methods for vibration of plates	University of California
1987	黃嘉彥	蘇侃	以差排模式分析受彈性應力波作用下裂縫周圍之應力分析	台大機械所
1987	S. Hirose	Y. Niwa	A study on direct and inverse scattering problems of elastic waves	Kyoto University
1988	李運璋	楊照彥	任意運動邊界問題的波動積分式研究	台大應力所
1988	C.R. Cheng	A.F. Seybert	Boundary element analysis of single and multidomain problems in acoustics	University of Kentucky
1989	黃志勇	張善政	流體-結構動力互制問題之三維分析	台大應力所
1989	劉導淳	翁通楹 葉超雄	流體中彈性體振動及引致散射現象之研究	台大應力所
1989	S.M. Kirkup	D.J. Henwood	Solution of exterior acoustic problems by boundary element method	Council for National Academic Awards
1990	曹登皓	陳永祥	海域結構物承受 Morison 型式波浪-洋流力作用下之非線性及非高斯隨機動力反應分析	台大土木所
1990	廖明亮	景鴻鑫	Partial hybrid stress element for the analysis of thick laminated composite plates	成大航太所
1990	W. Mclean		Boundary element method for Laplace equations	Australian University
1990	簡秋記	S.N. Atluri	On the evaluation of hyper-singular integrals arising in the boundary element method for elasticity and acoustic problems	Georgia Institute of Technology
1990	K.A. Cunefare	G.H. Koopmann	The design sensitivity and control of acoustic power radiated by three-dimensional structures	The pennsylvania State University
1991	廖駿偉	葉超雄 郭茂坤	彈性波在層狀孔隙介質中傳遞與散射研究	台大應力所
1991	鄧崇任	葉超雄	具預應力之多孔彈性體理論	台大土木所
1991	葉為忠	T. Mura	An inverse problem in elasticity	Northwestern University
1991	蔡傳暉	馬劍清	彈力波基本解與裂紋動力破壞之理論解析	台大機械所

1992	陳獻忠	周元昉	流體、溫度及旋轉對彈性體動態物性之影響	台大應力所
1992	郭昌宏	L.M. Keer	On the mechanics of contact and fracture analysis of multi-layered composites	Northwestern University
1993	R.A. Marschall	J.E. Caruthers	Aspects of numerical solution of the Helmholtz equation	University of Tennessee
1993	M.J. Stark	J. Horcath	Hypersingular integrals and Lipschitz space	University of Maryland
1993	M.J. Bluck	S. Walker	Integral equation methods for transient wave propagation	University of London
1994	陳正宗	洪宏基	On a Dual Representation Model and Its Applications to Computational Mechanics	台大土木所
1994	王藝峰	楊德良	三維淺水流場基本解與邊界積分法之研究	台大土木所
1994	洪信安	葉超雄	含預應力磁彈性材料的動態基本解	台大應力所
1994	M.D. Pocock	S. Walker	Integral equation methods for harmonic wave propagation	University of London
1994	翁燈景	宋見春	共線裂紋含內嵌物之散射問題分析	成大土木所
1995	翁文凱	郭一羽	波浪作用下港口附近船舶之受力及運動	交大土木所
1995	邱佑宗	吳光鐘	異向層狀狹長條問題之格林函數	台大應力所
1995	K.A. Ibrahim	J. Richie	On the location and number of expansion centers of multiple expansion method	Marquette University
1996	劉德源	洪宏基	室內噪音主動即時控制	台大土木所
1996	劉季宇	郭茂坤	超音波顯微鏡之正算與反算模擬於鍍層及裂縫檢測之應用	台大應力所
1996	陳宗杰	陳文華	Dual boundary element analysis of two dimensional fracture problems with multiple cracks	清華動機所
1996	據貽安	B. Moran	Computational mechanics of coherent structural phase transformations	Northwestern University
1996	M.N. Currey	K.A. Cunefare	On the behavior of exterior acoustic modes of structures	Georgia Institute of Technology
1996	陳昭旭	B. Amadei	Characterization of deformability, strength, and fracturing of anisotropic rocks using Brazilian tests	University of Colorado at Boulder
1996	M.E Johnson		Active control of sound transmission	University of Southampton
1997	T.F. Chang	M. Rahman	Wave induced oscillations in arbitrary harbours	Dalhousie University
1998	R.S.St. John	J. Tweed	The solution of hypersingular integral equations with applications in acoustics and fracture mechanics	Old Dominion University
1998	A.R. Hajefardani	G.F. Dargush	Theoretical and computational concepts in engineering mechanics	The State University of New York
1998	E.W. Constans	A. Belegundu	Minimizing radiated sound power from vibration shell structures: theory and experiment	Pennsylvania State University
1999	M.K. Chati	S. Mukherjee	Meshless standard and hypersingular boundary node methods-application in 3-D potential theory and linear elasticity	Cornell University

1999	Y.J. Yang	A.C. Smith	Numerical analysis and design strategy by field emission devices	Massachusetts Institute Technology
2000	S.H. Chen	Y.J. Liu	A unified boundary element method for the analysis of sound and shell-like structure interactions	University of Cincinnati
2000	W. Wanyama	A. Ertas	Analytical investigation of the acoustic radiation from linearly-varying thin circular plates	Texas Tech. University
2000	L. Wang	T.K. Delillo	Computational methods for two problems in potential theory	Wichita State University
2000	L.H. Yu	C.Y. Wang	The lowest eigenvalue of the negative laplacian in two dimensions: a modified perturbation method	Michigan State University
2000	M.G. Newman	A.J. Safjan	Infinite element methods for Helmholtz equation problems on unboundary domains	University of Nebraska
2001	吳東岳	簡秋記	時間不連續幕勒金有限元素法對彈性動力學之研究	中原土木所
2001	李鴻昌	陳朝光 洪振益	修正保群算法在工程上之應用	成功機械所
2002	陳義麟	陳正宗 梁明德	Treatment of rank-deficiency problems and its applications for the Helmholtz equation using boundary element method	海大工所
2002	蔡加正	楊德良	Meshless numerical methods and their engineering applications	台大土木所
2002	Y.S. Lai	G. J. Rodin	A study of three-dimensional cracks	University of Texas at Austin
2003	H. T. Huang	Z. C. Li	Global superconvergence of finite element methods for elliptic equations	中山應農所
2003	陳桂鴻	陳正宗	An efficient method for solving the acoustics and water wave problem using dual BEM in conjunction with FMM	海大工所

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