海洋大學河海工程學系
陳正宗 特聘教授指導論文暨發表情形

學生姓名	論文題目 發表著作
鄭岳世 (大學部) (1995)	**Dual series representation and its applications to a string subjected to support motions**
	1. J.T. Chen and Y.S. Jeng, 1996, Dual series representation and its applications to a string subjected to support motions, Advances in Engineering Software, Vol 27, No.3, pp. 227~238. (SCI & EI)
游大偉 (碩士班) (1996)	**遲滯阻尼時間域解法探討** **(Time-domain approach for hysteretic damping)**
	1. J.T. Chen and D.W. You, 1997, Hysteretic Damping Revisted, Advances in Engineering Software, Vol.28, No.3, pp.165-171. (SCI and EI)
	2. J.T. Chen, S.W. Chyuan, D.W.You and F.C. Wong, 1997, Normalized Quasi-static Mass-A New Definition for Multi-Support Motion Problems, Finite Element Analysis and Design, Vol.26, pp.129-142.(SCI and EI)
	3. J.T. Chen and D. W. You, 1999, An integral-differential equation approach for the free vibration of a SDOF system with hysteretic damping, Advances in Engineering Software, Vol.30, No.1, pp43-48.(SCI and EI)
	4. J.T. Chen, S.W. Chyuan, D.W. You and F.C. Wong, 1995, A New Method for Determining the Modal Participation Factors in Support Motion Problems, The 7th Annual MSC User's Conference, Taipei, Taiwan.
楊森翔 (碩士班) (1996)	**Application of Dual Boundary Element Method for Exterior Problems** **(對偶邊界元素法在外域問題的探討)**
	1. J.T. Chen, M.T. Liang and S. S. Yang, 1995, Dual Boundary Integral Equations for Exterior Problems, Engineering Analysis with Boundary Elements, Vol. 16, pp.333-340.(SCI and EI)
	2. M.T. Liang , J. T. Chen and S. S. Yang, 1999, Error Estimation for Boundary Element Method, Engineering Analysis with Boundary Elements, Vol.23, No.3, pp.257-265. (SCI and EI)
翁煥昌 (碩士班) (1997)	**對偶邊界元素法與多倒易法在含隔間小音場之自然聲頻與聲模分析** **(Application of dual boundary element method and multiple reciprocity method for acoustic mode of a cavity with a thin partition)**
	1. 陳正宗與翁煥昌,1996,模態反力法在支承運動問題的應用,土木工程技術,第四期,17~30頁.
	2. J.T. Chen and F.C. Wong, 1997, Analytical derivations for one-dimensional eigenproblems using dual BEM and MRM, Engineering Analysis with Boundary Elements, Vol.20, No.1, pp.25-33.(SCI and EI)
	3. J.T. Chen, S.W. Chyuan, D.W. You and F.C. Wong, 1997, Normalized Quastic-static Mass-A New Definition for Multiple-Support Motion problems, Finite Element Analysis and Design, Vol.26, pp.129-142.(SCI and EI)
	4. W. Yeih, J. T. Chen, K. H. Chen and F. C. Wong, 1998, A Study on the Multiple Reciprocity Method and Complex-valued Formulation for the Helmholtz equation, Advances in Engineering Software,Vol.29, No.1, pp.7-12.(SCI and EI)

	5. J. T. Chen and W. C. Wong, 1998, Dual formulation of multiple reciprocity method for the acoustic mode of a cavity with a thin partition, J. Sound and Vibration, Vol.217, No.1, pp.75-95. (SCI and EI)
陳桂鴻 (碩士班) (1997)	**對偶邊界元素法在含隔間小音場之自然聲頻與聲模分析 (Application of dual boundary element method for acoustic mode of a cavity with a thin partition)**
	1. 陳正宗與陳桂鴻,1996,地盤反應逆向運算-病態問題,土木工程技術,第七期,101~120頁.
	2. J.T. Chen and K.H. Chen, 1998, Dual Integral Formulation for Determining the Acoustic Modes of a Two-dimensional Cavity with a Degenerate Boundary, Engineering Analysis with Boundary Elements,Vol.21, No.2, pp.105-116.(SCI and EI)
	3. W. Yeih, J. T. Chen, K. H. Chen and F. C. Wong, 1998, A Study on the Multiple Reciprocity Method and Complex-valued Formulation for the Helmholtz Equation, Advances in Engineering Software, Vol.29, No.1, pp.1-6.(SCI and EI)
	4. 陳桂鴻、陳正宗與劉德源，1998，含不完全隔間聲場之對偶邊界元素分析，力學學刊，第十四卷，第二期，頁1-11。
	5. J.T. Chen, K.H. Chen, W. Yeih and N. C. Shieh, 1998, Dual Boundary Element Analysis for Cracked Bars under Torsion, Engineering Computation, Vol.15, No.6, pp.732-749.(SCI and EI)
	6. J.T. Chen, K.H. Chen, and S. W. Chyuan, 1998, Numerical experiments for acoustic modes of a square cavity using the dual BEM, Applied Acoustics, Vol.57, No.4, pp.293-325. (SCI and EI)
	7. J. T. Chen and K. H. Chen, 1998, Analytical Study and Numerical Experiments for Laplace Equations with Overspecified Boundary Conditions, Applied Mathematical Modelling, Vol.22, pp.703-725. (SCI and EI)
	8. 劉德源,陳正宗與陳桂鴻,1999,二維聲場聲模之邊界積分方程新解法,中國土木水利期刊, 第十一卷，第二期，頁299-310。
	9. J. T. Chen, M. T. Liang, I. L. Chen, S. W. Chyuan and K. H. Chen, 1999, Dual boundary element analysis of wave scattering from singularities, Wave Motion, Vol.30, No.4, pp.367-381. (SCI and EI)
	10. J. T. Chen, S. R. Kuo and K. H. Chen, 1999, A nonsingular integral formulation for the Helmholtz eigenproblems of a circular domain, J. Chinese Institute of Engineers, Vol.22, No.6, pp.729-739. (SCI and EI)
	11. J. T. Chen, C. X. Huang and K. H. Chen, 1999, Determination of spurious eigenvalues and multiplicities of true eigenvalues using the real-part dual BEM, Computational Mechanics, Vol.24, No.1, pp.41-51. (SCI and EI)
	12. J. T. Chen, C. T. Chen, K. H. Chen and I. L. Chen, 2000, On fictitious frequencies using dual bem for non-uniform radiation problems of a cylinder, Mechanics Research Communications, Vol.27, No.6, pp.685-690. (SCI and EI)
	13. J. T. Chen, S. R. Kuo, K. H. Chen and Y. C. Cheng, 2000, Comments on `` Vibration analysis of arbitrary shaped membranes using nondimensional dynamic influence function", J. Sound and Vibration, Vol.235, No.1, pp.156-170. (SCI and EI)
	14. J. T. Chen, K. H. Chen and C. T. Chen, 2002, Adaptive boundary element method of time-harmonic exterior acoustics problems in two-dimension, Computer Methods in Applied Mechanics and Engineering, Vol.191, pp.3331-3345.(SCI and EI) ***(NSC-89-2011-E-019-003; NSC-89-2011-E-019-022)***

	15. K. H. Chen, J. T. Chen, C. R. Chou and C. Y. Yueh, 2002, Dual boundary element analysis of oblique incident wave passing a thin submerged breakwater, Engineering Analysis with Boundary Elements, Vol.26, No.10, pp.917-928. (SCI and EI)
	16. J. T. Chen, M. H. Chang, K. H. Chen and S. R. Lin, 2002, The boundary collocation method with meshless concept for acoustic eigenanalysis of two-dimensional cavities using radial basis function, Journal of Sound and Vibration, Vol.257, No.4, pp.667-711. (SCI and EI) ***(NSC-90-2011-E-019-006)***
	17. J. T. Chen, K. H. Chen, I. L. Chen and L. W. Liu, 2003, A new concept of modal participation factor for numerical instability in the dual BEM for exterior acoustics, Mechanics Research Communications, Vol.26, No.2, pp.161-174. (SCI and EI)
	18. J. T. Chen, I. L. Chen, K. H. Chen, Y. T. Lee, 2003, Comments on "Free vibration analysis of arbitrarily shaped plates with clamped edges using wave-type functions," J. Sound and Vibration, Vol.262, No.2, pp.370-378. (SCI and EI)
	19. J. T. Chen, W. C. Chen, K. H. Chen and I. L. Chen, 2003, Revisit of the free terms of the dual boundary integral; equations for elasticity, Kuwait Journal of Science and Technology, Vol.30, No.2, pp.1-22. (SCI and EI)
	20. J. T. Chen, S. R. Lin and K. H. Chen, 2005, Degenerate scale for Laplace equation using the dual BEM, Int. J. Numer. Meth. Engng., Vol.62. (SCI and EI)
	21. K. H. Chen, J. T. Chen, S. Y. Lin and Y. T. Lee, 2004, Dual boundary element analysis of normal incident wave passing a thin submerged breakwater with rigid, absorbing and permeable boundaries, Journal of Waterway, Port, Coastal and Ocean Engineering, ASCE, Vol.130, No.4, pp.179-190. (SCI and EI)
	22. J. T. Chen, Y. T. Lee, I. L. Chen and K. H. Chen, 2004, Mathematical analysis and treatment for the true and spurious eigenequations of circular plates in the meshless method using radial basis function, J. Chinese Institute of Engineers, Vol.27, No.4, pp.547-561.
	23. J. T. Chen, T. W. Lin, K. H. Chen and S. W. Chyuan, 2004, True and spurious eigensolutions for the problems with the mixed-type boundary conditions using BEMs, Finite Elements in Analysis and Design, Vol.40, No.11, pp.1521-1549.(SCI and EI)
	24. J. T. Chen, I. L. Chen. K. H. Chen, Y. T. Yeh and Y. T. Lee, 2004, A meshless method for free vibration of arbitrarily shaped plates with clamped boundaries using radial basis function, Engineering Analysis with Boundary Elements, Vol.28, No.5, pp.535-545. (SCI and EI)
	25. J. T. Chen, and K. H. Chen, 2004, Applications of the dual integral formulation in conjunction with fast multipole method in large-scale problems for 2-D exterior acoustics, Engineering Analysis with Boundary Elements, Vol.28, No.6, pp.685-709. (SCI and EI).
	26. J. T. Chen, S. Y. Lin, K. H. Chen and I. L. Chen, 2004, Mathematical analysis and numerical study of true and spurious eigenequations for free vibration of plates using real-part BEM, Computational Mechanics, Vol.34, No.3, pp.165-180.(SCI and EI)
	27. J. T. Chen, I. L. Chen and K. H. Chen, 2004, A unified formulation for the spurious and fictitious frequencies in acoustics using the singular value decomposition and Fredholm alternative theorem, J. Comp. Acoustics, Revised.
	28. J. T. Chen, C. S. Wu and K. H. Chen, 2005, A study of free terms for plate problems in the dual boundary integral equations, Engineering Analysis with Boundary Elements, Accepted.

	29. J. T. Chen, I. L. Chen and K. H. Chen, 2005, A unified formulation for the spurious and fictitious frequencies in acoustics using the singular value decomposition and Fredholm alternative theorem, J. Comp. Acoustics, Accepted.
	30. J. T. Chen, C. S. Wu, Y. T. Lee and K. H. Chen, 2005, On the equivalence of the Trefftz method and method of fundamental solutions for Laplace and biharmonic equations, Computers and Mathematics with Applications, Accepted.
	31. K. H. Chen and J. T. Chen, 2005, Adaptive dual boundary element method for solving oblique incident wave passing a submerged breakwater, Computer Methods in Applied Mechanics and Engineering, Revised.
	32. J. T. Chen, C. S. Wu, K. H. Chen and Y. T. Lee, 2005, Degenerate scale for plate analysis using the boundary integral equations, Computational Mechanics, Revised.
	33. 陳正宗, 陳桂鴻, 丘宜平, 2002,對稱化邊界元素法理論推導與程式開發, 第六屆結構工程研討會, 墾丁。
	34. 陳正宗, 陳義麟, 陳桂鴻, 2002, Analytical study and numerical experiments for spurious eigensolutions of interior problem and the fictitious wave number of exterior acoustic problem using BEM, 第六屆結構工程研討會, 墾丁。
	35. H.-K. Hong, J. T. Chen, I. L. Chen and K. H. Chen, 2002, Hypersingular integral equation and its applications in computational mechanics, Conference on Computational Science, Sinchu, Taiwan.
	36. Y. T. Lee, K. H. Chen, I. L. Chen, J. T. Chen, 2002, A new meshless method for free vibration analysis of plates using radial basis functions, Proceeding of the 26th National Conference on Theoretical and Applied Mechanics, Hu-Wei, Taiwan. (獲學生論文競賽獎).
	37. I. L. Chen, K. H. Chen, C. S. Wu and J. T. Chen, 2003, The method of fundamental solutions for two-dimensional exterior acoustics, 第十五屆中國造船暨輪機工程研討會及國科會成果發表會, Kaohsiung, Taiwan, pp.527-532.
	38. J. T. Chen, H. K. Hong, I. L. Chen and K. H. Chen, 2003, Nonuniqueness and its treatment in the boundary integral equations and boundary element method, Computational Mathematics Conference, Plenary lecture, Hsin-Chu.
	39. C. S. Wu, K. H. Chen and J. T. Chen, 2003, On the equivalence of the Trefftz method and the method of fundamental solutions for plate problem, Proceeding of the 27th National Conference on Theoretical and Applied Mechanics, Tainan, Taiwan. (獲學生論文競賽獎)
	40. C. C. Hsiao, K. H. Chen and J. T. Chen, 2004, Applications of hypersingular equations to free-surface seepage problems, 第十四屆水利工程研討會,交大,新竹
	41. J. T. Chen, I. L. Chen and K. H. Chen, 2004, A unified formulation for degenerate problems in BEM,第七屆結構工程研討會, 鴻禧.
	42. C. S. Wu, K. H. Chen and J. T. Chen, 2004, A study of free terms for plate problems in the dual BEM,第七屆結構工程研討會, 鴻禧.
	43. W. C. Shen, K. H. Chen and J. T. Chen, 2004, A new method for Laplace's equation in two-dimensional regions with circular holes, 第二十八屆力學會議, 台大.
	44. C. C. Hsiao, J. T. Chen and K. H. Chen, 2004, Application of hypersingular equations to free-surface seepage problem, International Conference in Computational Methods, Singapore.

鄭超明 (碩士班) (1998)	**Analysis of natural frequencies and natural modes for rod and beam problems using multiple reciprocity method(MRM)** **(多倒易法在桿及樑構件之自然振頻與振模分析)**
	1. W. Yeih, J. R. Chang, C. M. Chang and J. T. Chen, 1999, Applications of dual MRM for determining the natural frequencies and natural modes of a rod using the singular value decomposition method, Advances in Engineering Software, Vol.30, No.7, pp.459-468. (SCI and EI)
	2. W. Yeih, J. T. Chen and C. M. Chang, 1999, Applications of dual MRM for determining the natural frequencies and natural modes of an Euler-Bernoulli beam using the singular value decomposition method, Engineering Analysis with Boundary Elements, Vol.23, No.4, pp.339-360. (SCI and EI)
	3. C. M. Chang, J. T. Chen and W. Yeih, 1997, Applications of dual MRM for determining the natural frequencies and natural modes of a beam, Proceeding of 21th National Conference on Theoretical and Applied Mechanics, pp.31-38.
陳鈺文 (碩士班) (1998)	**複變數對偶邊界元素法研究** **(A study on complex dual boundary element method)**
	1. J. T. Chen and Y. W. Chen, 2000, Dual boundary element analysis using complex variables for potential problems with or without a degenerate boundary, Engineering Analysis with Boundary Elements, Vol.24, No.9, pp.671-684. (SCI and EI)
	2. 陳鈺文，陳正宗，2000，複變數阿達馬主值觀念及其應用，電子計算機於土木水利工程應用研討會論文集，台中。
丘宜平 (碩士班) (1999)	**對稱與非對稱邊界元素法理論探討與研究** **(A Study on Symmetric and Unsymmetric BEMs)**
	1. J. T. Chen, J. H. Lin, S. R. Kuo and Y. P. Chiu, 2001, Analytical study and numerical experiments for degenerate scale problems in boundary element method using degenerate kernels and circulants, Engineering Analysis with Boundary Elements, Vol.25, No.9, pp.819-828. (SCI and EI)
	2. J. T. Chen and Y. P. Chiu, 2002, On the pseudo-differential operators in the dual boundary integral equations using degenerate kernels and circulants, Engineering Analysis with Boundary Elements, Vol.26, No.1, pp.41-53. (SCI and EI)
	3. 陳正宗, 陳桂鴻, 丘宜平, 2002, 對稱化邊界元素法理論推導與程式開發, 第六屆結構工程研討會, 墾丁。
黃川夏 (碩士班) (1999)	**A study on true and spurious eigensolutions of two-dimensional acoustic cavities** **(二維聲場真假特徵解之探討)**
	1. J. T. Chen, C. X. Huang and K. H. Chen, 1999, Determination of spurious eigenvalues and multiplicities of true eigenvalues using the real-part dual BEM, Computational Mechanics, Vol.24, No.1, pp.41-51. (SCI and EI)
	2. S. R. Kuo, J. T. Chen and C. X. Huang, 2000, Analytical study and numerical experiments for true and spurious eigensolutions of a circular cavity using the real-part dual BEM, Int. J. Numer. Meth. Engng., Vol.48, No.9, pp.1401-1422. (SCI and EI)
	3. J. T. Chen, C. X. Huang and F. C. Wong, 2000, Determination of spurious eigenvalues and multiplicities of true eigenvalues in the dual multiple reciprocity method using the singular value decomposition technique, J. Sound and Vibration, Vol.230, No.2, pp.203-219. (SCI and EI)

	4. J. T. Chen, S. R. Kuo, I. L. Chung and C. X. Huang, 2003, Study on the true and spurious eigensolutions of two-dimensional cavities using the dual multiple reciprocity method, Engineering Analysis with Boundary Elements, Vol.27, No.7, pp.655-670. (SCI and EI)
陳誠宗 **(碩士班)** **(2000)**	邊界元素法在外域輻射與散射聲場之研究—自適性網格切割技術開發 **(Boundary element method for radiation and scattering problems-adaptive mesh generation technique)**
	1. J. T. Chen, C. T. Chen, K. H. Chen and I. L. Chen, 2000, On fictitious frequencies using dual bem for non-uniform radiation problems of a cylinder, Mechanics Research Communications, Vol.27, No.6, pp.685-690. (SCI and EI)
	2. J. T. Chen, K. H. Chen and C. T. Chen, 2002, Adaptive boundary element method of time-harmonic exterior acoustics problems in two-dimension, Computer Methods in Applied Mechanics and Engineering, Vol.191, pp.3331-3345. (SCI and EI)
程永正 **(碩士班)** **(2000)**	實部與虛部邊界元素法於二維內域聲場之應用 **(Application of real-part and imaginary -part dual BEM for two-dimensional interior acoustic cavities)**
	1. J. T. Chen, S. R. Kuo, K. H. Chen and Y. C. Cheng, 2000, Comments on `` Vibration analysis of arbitrary shaped membranes using nondimensional dynamic influence function", J. Sound and Vibration, Vol.235, No.1, pp.156-170. (SCI and EI)
	2. J. T. Chen, M. H. Chang, I. L. Chung and Y. C. Cheng, 2002, Comments on eigenmode analysis of arbitrarily shaped two-dimensional cavities by the method of point matching, J. Acoust. Soc. Amer., Vol.111, No.1, pp.33-36. (SCI and EI)
	3. J. T. Chen, S. R. Kuo and Y. C. Cheng, 2001, On the true and spurious eigensolutions using circulants for real-part dual BEM, Proceedings of IUTAM/IACM/IABEM Symposium on Advanced Mathematical Computational Mechanics Aspects of Boundary Element Method, pp.75-85, Cracow, Poland, Kluwer Press.
鍾瑜隆 **(碩士班)** **(2000)**	**Derivation of dynamic stiffness and flexibility using dual BEM** **(動力勁度與柔度之對偶邊界元素法推導)**
	1. J. T. Chen, I. L. Chung and I. L. Chen, 2001, Analytical study and numerical experiments for true and spurious eigensolutions of a circular cavity using an efficient mixed-part dual BEM, Computational Mechanics, Vol.27, No.1, pp.75-87. (SCI and EI)
	2. J. T. Chen and I. L. Chung, 2001, A unified method for constructing the dynamic stiffness and flexibility for rod, beam and circular membrane structures, Journal of Sound and Vibration, Vol.246, No.5, pp.877-899. (SCI and EI)
	3. J. T. Chen, M. H. Chang, I. L. Chung and Y. C. Cheng, 2002, Comments on eigenmode analysis of arbitrarily shaped two-dimensional cavities by the method of point matching, J. Acoust. Soc. Amer., Vol.111, No.1, pp.33-36. (SCI and EI)
	4. J. T. Chen, S. R. Kuo, I. L. Chung and C. X. Huang, 2003, Study on the true and spurious eigensolutions of two-dimensional cavities using the dual multiple reciprocity method, Engineering Analysis with Boundary Elements, Vol.27, No.7, pp.655-670. (SCI and EI)

	5. J. T. Chen and I. L. Chung, 2002, Computation of dynamic stiffness and flexibility for arbitrarily shaped two-dimensional membranes using an efficient mixed-part dual BEM, Structural Engineering and Mechanics, Vol.13, No.04, pp.437-453. (SCI and EI) ***(NSC-90-2011-E-019-021)***
林建華 (碩士班) (2000)	**A study on the degenerate scale and the multiply-connected acoustic cavity (退化尺度與多連通聲場問題分析)**
	1. S. W. Chyuan, J. H. Lin, J. T. Chen and D. C. Liu, 2000, Dual boundary element analysis for fatigue behavior of missile structure, J. Chinese Institute of Engineers, Vol.23, No.3, pp.339-348. (SCI and EI)
	2. J. T. Chen, J. H. Lin, S. R. Kuo and S. W. Chyuan, 2001, Boundary element analysis for the Helmholtz eigenproblems with multiply-connected domain, Proc. Royal Society of London Ser. A, Vol.457, No.2014, pp.2521-2546. (SCI and EI)
	3. J. T. Chen, J. H. Lin, S. R. Kuo and Y. P. Chiu, 2001, Analytical study and numerical experiments for degenerate scale problems in boundary element method using degenerate kernels and circulants, Engineering Analysis with Boundary Elements, Vol.25, No.9, pp.819-828. (SCI and EI)
	4. J. T. Chen, S. R. Kuo and G. H. Lin, 2002, Analytical study and numerical experiments for degenerate scale problems in the boundary element method for two-dimensional elasticity, Int. J. Numer. Meth. Engng., Vol.54, No.12, pp.1669-1681. (SCI and EI) ***(NSC-89-2011-E-019-021)***
	5. J. T. Chen, C. F. Lee, I. L. Chen and J. H. Lin, 2002, An alternative method for degenerate scale problems in boundary element methods for the two-dimensional Laplace equation, Engineering Analysis with Boundary Elements, Vol.26, No.7, pp.559-569. (SCI and EI)***(NSC-89-2011-E-019-021)***
	6. J. T. Chen, S. Y. Lin, L. W. Liu and J. H. Lin, 2003, BEM for multiply-connected eigenproblems, The 20th International Conference "Mathematical Methods in Mechanics of Solids and Constructions Methods of Boundary Elements and Finite Elements," St. Petersburg, Russia.
	7. 陳正宗, 沈文成, 林建華與全湘偉, 2004, 對偶邊界元素法在疲勞破壞之工程應用, 第八屆中華民國破壞科學研討會, 墾丁.
李慶鋒 (碩士班) (2001)	**半平面與多連通拉普拉斯問題之研究 (A study on half-plane and multiply-connected Laplace problem)**
	1. J. T. Chen, S. R. Kuo and C. F. Lee, 2001, A new point of view for the Householder matrix by using matrix exponential, Int. J. Appl. Math., Vol.7, No.3, pp.289-308.
	2. J. T. Chen, C. F. Lee, I. L. Chen and J. H. Lin, 2002, An alternative method for degenerate scale problems in boundary element methods for the two-dimensional Laplace equation, Engineering Analysis with Boundary Elements, Vol.26, No.7, pp.559-569. (SCI and EI)***(NSC-89-2011-E-019-021)***
	3. J. T. Chen, C. F. Lee and S. Y. Lin, 2002, A new point of view for the polar decomposition using singular value decomposition, Int. J. Comp. Numer. Anal. Appl., Vol.2, No.3, pp.257-264.***(NSC-90-2011-E-019-006)***
	4. W. C. Shen, C. F. Lee and J. T. Chen, 2004, A study of half-plane Laplace problems with a circular hole,第七屆結構工程研討會, 鴻禧
	5. W. C. Shen, J. T. Chen and C. F. Lee, 2004, A study on Laplace problem of infinite plane with multiple circular holes, International Conference in Computational Methods, Singapore.

陳韋誌 **(碩士班)** **(2001)**	**A study of free terms and rigid body modes in the dual BEM** **(對偶邊界元素法中自由項與剛體運動項之研究)**
	1. J. T. Chen, S. R. Kuo, W. C. Chen and L. W. Liu, 2000, On the free terms of the dual BEM for the two and three-dimensional dimensional Laplace problems, J. Marine Science and Technology, Vol.8, No.1, pp.8-15. (EI)
	2. J. T. Chen, W. C. Chen, K. H. Chen and I. L. Chen, 2003, Revisit of the free terms of the dual boundary integral; equations for elasticity, Kuwait Journal of Science and Technology, Vol.30, No.2, pp.1-22. (SCI and EI)
	3. J. T. Chen, W. C. Chen, S. R. Lin and I. L. Chen, 2003, Rigid body mode and spurious mode in the dual boundary element formulation for the Laplace equation, Computers and Structures,Vol.81, No.13, pp.1395-1404. (SCI and EI)
張銘翰 **(碩士班)** **(2001)**	**Analysis of acoustic eigenvalues and eigenmodes by using the meshless method** **(無網格法於自然聲頻聲模之分析)**
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