國立臺灣海洋大學講座推薦表

受 推 薦 者	陳正宗	職 稱	特聘講座教授
服務單位	河海工程學系	本校推薦單位	河工系

資格要件（請勾選）

特聘講座：

□ 曾獲諾貝爾獎或相當之全球性殊榮者：

名稱：　　，獲獎年度：　　年

□ 中央研究院院士或國外國家級院士：

名稱：　　，獲獎年度：　　年

□ 曾獲總統科學獎者：獲獎年度：　　年

■曾獲教育部國家講座或學術獎者：

名稱：教育部學術獎，獲獎年度：100 年

講座：

□曾獲科技部(國家科學委員會)傑出研究獎二次（含）以上：

獲獎年度：88，91，98年

□其他獲得同等級之學術榮譽成就者(請簡述如下)：

91年行政院國科會(現科技部)吳大猷先生紀念獎

100年ICACM Fellows Award

106年中華民國力學學會會士

108年杜慶華工程計算方法獎章

108年科技部傑出特約研究員

109年台灣工業及應用數學學會會士

榮譽講座：

□符合特聘講座及講座資格或特聘講座及講座資格退休者

□在專業領域及企業經營具有傑出成就或國家級以上殊榮者（請簡述如下）：

（可自行延伸）

請檢附申請人相關佐證資料： ■學經歷■著作目錄、重要論著■具體教學、學術研究成就證明 □其他相關證明文件□各級教師評審委員會議紀錄（推薦為榮譽講座者）
推薦單位主管核章：_____

國立臺灣海洋大學

個人資料表

一、基本資料

身分證號碼	R	1	2	0	6	6	2	1	9	0	填表日期:民國 109 年 9 月 24 日

中文姓名	陳正宗			英文姓名	Chen Jeng-Tzong (Last Name)(First Name) (Middle Name)		
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服務機關地址	20224 基隆市中正區北寧路 2 號					電話	(02) 2462-2192 轉 6140 或 6177

二、主要學歷

畢/肄業學校	國別	主修學門系所	學位	起訖年月
國立台灣大學	台灣	土木工程研究所	博士	民國 79 年 9 月至民國 83 年 6 月
國立台灣大學	台灣	應用力學研究所	碩士	民國 73 年 9 月至民國 75 年 6 月
國立台灣大學	台灣	土木工程學系	學士	民國 69 年 9 月至民國 73 年 6 月

三、現職及與專長相關之經歷（按時間先後順序由最近經歷開始填寫）

服務機關		服務部門／系所	職稱	起訖年月
現職：	國立海洋大學	河海工程學系	終身特聘教授	民國 96 年 8 月 迄今
	國立海洋大學	河海工程學系	特聘教授	民國 93 年 8 月 迄今
	國立海洋大學	河海工程學系	教授	民國 87 年 8 月 迄今
經歷：	國立海洋大學	河海工程學系	副教授	民國 83 年 8 月至民國 87 年 7 月
	中山科學研究院	火箭飛彈研究所結構組	助研員	民國 75 年 8 月至民國 79 年 8 月

四、專長請自行填寫與研究方向有關之學門及次領域名稱。

1. 邊界元素法	2. 振動與噪音	3. 結構動力	4. 地震工程
5. 有限元素法	6. 固體力學	7. 破壞力學	8. 推進劑力學分析

簽　名：　　日期：

學術著作目錄

五、學術著作目錄（若篇幅不足請另附同尺寸之紙張繕寫）　　頁數：31

姓名：陳正宗（Jeng-Tzong Chen, Ph.D.）　　姓名：陳正宗
職稱：終身特聘教授（Professor）
學歷：國立台灣大學土木工程博士
專長：邊界元素法、有限元素法、結構動力、地震工程、破壞力學、振動與噪音、熱傳熱應力、 推進劑力學分析、設計與實驗、結構控制與阻尼、計算力學、計算數學與反算問題。
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期刊論文

(A)

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5. J. T. Chen. S. R. Kuo, Y L Huang and S K Kao, 2020, Linkage of logarithmic capacity in potential theory and degenerate scale in the BEM for the two tangent discs, Applied Mathematics Letters, Vol. 102, 106135.
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(B)研討會論文

- Plenary lectures

1. J. T. Chen, 2019, Paradox, Paradise and Parasite of the BEM, ICCMS 2019, IIT, India.
2. J. T. Chen, 2019, Paradox, Paradise and Parasite of the BEM, APCOM 2019, Taipei.
3. J. T. Chen, 2019, Paradox, Paradise and Parasite of the BEM, ICOME 2019, Dailian.
4. J. T. Chen, 2019, On the degenerate scale in the MFS and BEM, 5th International Workshop on Meshless Methods, Qingdao.
5. J. T. Chen, 2018, Animations of dynamic responses in structural dynamics and earthquake engineering using Mathematica, 第六屆海峽兩岸地震工程青年學者研討會, Dailian.
6. J. T. Chen, 2018, Improvement of the indirect BEM and the MFS for solving fictitious-frequency problems in 2D exterior acoustics, 4th International Workshop on Meshless Methods, Changsha.
7. J. T. Chen, 2017, 八卦邊界元, 边界元法与降维方法进展与应用研讨会, Guilin, China. (科技部結餘款補助)
8. J. T. Chen, 2016, BEM development in Taiwan personal point of view, 9th National Conference on Finite Element Method, Chengdu, China. (科技部結餘款補助)
9. J. T. Chen, 2016, BEM development in Taiwan personal point of view, ACMT 2016, Taipei, Taiwan.
10. J. T. Chen, 2016, BEM development in Taiwan personal point of view, Cross-straits Workshop on Computational Mathematics, Tainan, Taiwan.
11. J. T. Chen, 2016, BEM development in Taiwan personal point of view, International workshop on meshless method and their applications, Taiyuan, China. (科技部結餘款補助)
12. J. T. Chen, 2015, A self-regularized method for singular systems in the BEM and the FEM, ICOME 2015, Hangzhou.
13. J. T. Chen, 2014, On mathematics of various BEM formulations, IABEM 2014 symposium, Zhengzhou.
14. J. T. Chen, S. K. Kao and S. R. Kuo, 2013, Three detecting indexes and five regularization techniques for degenerate scales in the BEM/BIEM, BEM/MRM, Dalian.
15. J. T. Chen, 2013, Review of dual BEM and recent development of null field BIEM by NTOU/MSV, The Fourth Annual BEM Workshop in Taiwan, Taichung.
16. J. T. Chen, Y. T. Lee, J. W. Lee and I L. Chen, 2012, On null fields in the BIEM/BEM,

ICOME2012, Dec. 12-14, Kyoto, Japan.

17. J. T. Chen, 2012, Review of BEM development in Taiwan and recent advances by NTOU/MSV group, GCWCOME2012, May 25-28, Changsha, China.
18. J. T. Chen, 2010, Water wave problems using null-field integral equations: ill-posedness and treatment, ICIP 2010, Hong Kong City Univ.
19. J. T. Chen, 2009, Development of dual BEM in Taiwan, The 3rd Asia-Pacific Int. Conf. on Comp. Meth. In Engrg (ICOME 2009), Oct.18-22, Nanjing, China.
20. J. T. Chen, 2007, Null field integral equation approach for engineering problems with circular boundaries, Computational Mathematics Conference CMC 2007, Plenary lecture, Koashung.
21. J. T. Chen, 2006, Some recent results of the null-field integral equation approach for engineering problems with circular boundaries, Computational Methods in Engineering, 2nd Asia-Pacific Int. Conf. on Comp. Meth. In Engrg (ICOME 2006), Nov. 14-16, Heifei, China
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23. 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 CMC 2003, Plenary lecture, Hsin-Chu.

- Keynote lectures

1. J T Chen, Scattering problems of SH wave by using the null field boundary integral euation approach, 第三屆海峽兩岸地震工程青年學者研討會, 北京、清華大學, 20-23 十月, 2014.
2. Y T Lee, L J Jiang, S R Kuo and J T Chen, 2014, A systematic approach for solving Green's function of Laplace equation with spherical boundaries, ICCES 2014, South Korea.
3. J T Chen, J Jie and S K Kao, 2013, Review of degenerate scale in BEM/BIEM, APCOM/ISCM 2013, Singapore.
4. Y T Lee, J T Chen and S R Kuo, 2013, Null-field integral approach for the piezoelectricity problems with arbitrary elliptical inhomogeneities, ICF 2013, Beijing.
5. J. T. Chen, 2012, Nonuniqueness in dual BEM/BIEM and its treatment using SVD, ACMFMS2012, Dec. 5-8, New Delhi, India.
6. J. T. Chen, S. C. Shieh and Y. T. Lee, 2009 " Bipolar coordinates, image method and method of fundamental solutions, ICCES 09 Conference, Phuket, Thailand.
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9. Y. T. Lee, J. T. Chen and I. L. Chen, 2004, Free vibration analysis of multiply-connected plates using the method of fundamental solutions, ICCM 2004 Conference, pp.1943-1949, Part 2, Computational Methods, edited by G. R. Liu et al., Singapore.
10. J. T. Chen, 2004, Pitfalls of BEM and their treatment, International Conference on Computational & Experimental Engineering and Science, Keynote lecture, Madeira, Portugal.
11. J. T. Chen, M. H. Chang and Y. T. Lee, 2003, A new meshless method for eigenproblems using radial basis function, Global Chinese Workshop on Boundary Element and Meshless Methods, Qinhuangdao, China.
12. J. T. Chen, 2003, Spurious eigensolution using BEM, International Conference on Computational & Experimental Engineering and Science, Keynote lecture, Corfu, Greece.
13. J. T. Chen, 2002, On the rank-deficiency problems in boundary integral formulation using the Fredholm alternative theorem and singular value decomposition technique, Fifth World Congress on Computational Mechanics, Keynote lecture, Vienna.
14. J. T. Chen, 1998, Recent development of dual BEM in acoustic problems, Fourth World Congress on Computational Mechanics, Keynote lecture, Argentina.

- Invited lectures

1. J. T. Chen, 回首台灣邊界元四十年-個人觀點, 力學與工程-數值計算與數據分析會議, 北京, China, 2019.
2. J. T. Chen, 近斷層效應與複合型災害之探討, 兩岸結構地震共識會, 杭州, China, 2019.
3. J. T. Chen, Rank-deficient system in the BEM/BIEM 2017 Taiwan-Japan Joint Workshop on Inverse Problem, Kanazawa, Japan, 2017.
4. Y. L. Chang, C. Y. Yueh, C. C. Wen and J. T. Chen, How the dual boundary element method can be applied to breakwater, CTAM 2016, Hsinchu, Taiwan, 2016.
5. J. T. Chen, 2016, A self-regularized method for rank-deficient systems in the BEM and the FEM, 2016 Taiwan-Japan Joint Workshop on Inverse Problem, Kyoto, Japan. (科技部結餘款補助)
6. S. R. Kuo, J. T. Chen, Y. L. Chang and S. K. Kao, Revisit of the degenerate scale for plate problems, ICOME 2015, Hangzhou.
7. J. T. Chen, 2015, A necessary and sufficient BEM/BIEM for 2-D elasticity problems, BEM 38, NewForest.
8. J. T. Chen, 2014, Revisit of Fredholm alternative theorem by using SVD and bordered matrices, 兩岸計算數學研討會, 湘潭.
9. J. T. Chen, On the sufficient and necessary BIEs, 2014 Taiwan-Japan Joint Workshop on Numerical Analysis and Scientific Computation, Kyoto Univ., April 4, 2014
10. J. T. Chen and J. W. Lee, 2013, Review of dual BEM and recent development of null-field integral equation in Taiwan, Second International Symposium on Engineering Mechanics

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12. J. T. Chen, Y. T. Lee, J. W. Lee and I. L. Chen, On null fields in the BIEM/BEM, 2nd Cross-straits Workshop on Computational Mathematics, July, Kaohsiung, 2012.
13. S. R. Kuo, Y. W. Chen, Y. T. Lee, J. T. Chen, Study on degenerate scales for circular, elliptical, regular N-gon and half-disc domains using the BEM and conformal mapping, GCWCOME2012, May 25-28, Changsha, China, 2012.
14. I. L. Chen, P. S. Kuo, J. W. Lee and J. T. Chen, Analytical and numerical investigation for the true and spurious eigenproblem by using the dual BIEM/BEM, GCWCOME2012, May 25-28, Changsha, China, 2012.
15. J. T. Chen, Nonuniqueness and Treatment in Dual BIEM/BEM Using SVD, The first Cross strait Conference on Applied Math., April, Ningbo, 2012.
16. J. T. Chen, Y. T. Lee and J. W. Lee, Study on the rank deficiency in dual BEM using SVD, pp.124-125, ISCM III-CSE II, Taipei, Taiwan, 2011..
17. J. T. Chen, Y. T. Lee, S. R. Kuo and Y. W. Chen, Analytical derivation and numerical experiments of degenerate scales for N-polygon domains, 2011 Taiwan-Japan Joint Workshop on Numerical Analysis and Scientific Computation, Dept. Math., NTU, Taipei.
18. J. T. Chen, Y. T. Lee, S. R. Kuo and Y. W. Chen, Analytical derivation and numerical experiments of degenerate scales for an ellipse in BEM, The Second Workshop on Boundary Element Method and Boundary Integral Equation Method, NCTS(South), NCKU, 2011.
19. J. T. Chen, On near-trapped mode and fictitious frequencies for water wave problems containing an array of circular and/or elliptical cylinders using null-field integral equations, The first Cross strait Conference on Comp. Math., August, Xiamen 2010.
20. J. T. Chen, Water wave problems using integral equations: ill-posedness and remedies, 2010 Taiwan-Japan Joint Workshop on Inverse Problems, Dept. Math., NTU, Taipei.
21. J. T. Chen, H. C. Shieh, J. J. Tsai and J. W. Lee, 2009, Equivalence between the Trefftz method and the method of fundamental solutions for the Green's function of concentric spheres using the addition theorem and image concept, pp.23-34, BEM 31, New Forest, UK.
22. J. T. Chen, S. C. Shieh, Y. T. Lee and J. W. Lee, 2009 " Trefftz method, image method and method of fundamental solutions for Green's functions with circular boundaries , " 2009 年計算數學暨計算力學研討會，邀請演講，台中東海大學，2009/04/17-2009/04/20。
23. J. T. Chen, 2008, Nonuniqueness problems in numerical methods, The 15th National Computational Fluid Mechanics, CFD15 Invited lecture, Kaohsiung.
24. J. T. Chen, 2007, Some problems in BEM applications, International Symposium on Sonic Environment with super digital processing techniques, Invited lecture, Taiwan.

25. J. T. Chen, 2007, Deconvolution problems for site response analysis,台灣日本逆問題研討會,中研院數學所.
26. J. T. Chen, 2006, A semi-analytical approach for engineering problems with circular boundaries, The 15th Workshop on Differential Equations, Tainan.
27. J. T. Chen, 2006, Dual BEM since 1986, 2006 Forum on Advanced Engineering Computation, Taipei.
28. J. T. Chen, 2006, Recent development of the null-field integral equation approach for engineering problems with circular boundaries, Proceedings of Symposium on Advances of Mechanics in honor of President Robert R. Hwang, Keelung.
29. J. T. Chen, 2005, Null field integral equation approach for boundary value problems with circular boundaries, Workshop on Inverse Problems, 新竹交大.
30. J. T. Chen and Y. T. Lee, 2005, True and spurious eigensolutions for membrane and plate problems by using the method of fundamental solutions, ECCOMAS Thematic Conference on Meshless Methods, Lisbon, Portugal.
31. W. C. Shen, J. T. Chen and C. F. Lee, 2004, A study on Laplace problems of infinite plane with multiple circular holes, pp.67-72, Part 1, Computational Methods, edited by G. R. Liu et al., ICCM2004 Conference, Singapore.
32. C. C. Hsiao, J. T. Chen and K. H. Chen, 2004, Applications of hypersingular equations to free-surface seepage problems, pp.73-77, Part 1, Computational Methods, edited by G R Liu et al., ICCM2004 Conference, Singapore.
33. J. T. Chen, I. L. Chen and C. S. Wu, 2003, On the equivalence of MFS and Trefftz method for Laplace problems, 第七屆全中國工程中邊界元法學術會議暨 Global Chinese workshop on boundary element and meshless method, 秦皇島, 中國.
34. J. T. Chen, 2003, Meshless-free for eigenproblem, Workshop on meshless methods, Lisbon, Portugal.
35. J. T. Chen and S. R. Lin, 2002, Degenerate scale for torsion bar problems with arbitrary cross sections using the dual BEM, Beteq 2002 Conference, Beijing.
36. J. T. Chen, 1997, Review of Damping Models with Emphasis on Hysteretic Damping, Invited one-hour Lecture, Sixth International Colloquium on Numerical Analysis, Plovdiv, Bulgaria.
37. J. T. Chen and H.-K. Hong, 1996, Review of Dual Integral Representations with Emphasis on Hypersingularity and Divergent Series, Fifth International Colloquium on Numerical Analysis, Plovdiv Bulgaria.

- Contributed papers

1. Y.L. Huang, S.K. Kao, S.R. Kuo and J.T. Chen, Linkage of logarithmic capacity in potential theory and degenerate scale in the BEM for two tangent discs, CTAM 2019, Taichung, Taiwan, 2019.

2. K.T. Lien, J.W. Lee and J.T. Chen, Analytical and numerical studies for the Steklov eigenproblem by using the boundary integral equation and the BEM, The 27th National Conference on Sound and Vibration, 2019.
3. Y.L. Huang, S.K. Kao, S.R. Kuo and J.T. Chen, Revisit of the degenerate scale for an infinite plane problem containing two circular holes using conformal mapping, CTAM 2018, Taipei, Taiwan, 2018.
4. K.T. Lien, J.W. Lee and J.T. Chen, Analytical study and numerical analysis for solving the Steklov eigenproblems by using BIEM/BEM, CTAM 2018, Taipei, Taiwan, 2018.
5. J.W. Lee, C.F. Nien, S.K. Kao and J.T. Chen, Combination of the CHIEF and the self-regularization technique for solving 2D exterior Helmholtz problems with fictitious frequencies in the indirect BEM and the MFS, The 26th National Conference on Sound and Vibration, 2018.
6. J.W. Lee, C.F. Nien and J.T. Chen, Combination of the CHIEF and the self-regularization technique for solving 2D exterior Helmholtz equations with fictitious frequencies in the indirect BEM and MFS, IABEM 2018, Paris, 2018.
7. C.F. Nien, J.W. Lee, S.K. Kao and J.T. Chen, Self-regularization technique for solving fictitious-frequency problem in the MFS, CTAM 2017, Tainan, Taiwan, 2017.
8. Y. C. Kao, H.-K. Hong, J. W. Lee, L. W. Liu and J. T. Chen, Boundary element method for quaternion valued Laplace equation in coupled exterior and interior magnetostatic fields, CTAM 2016, Hsinchu, Taiwan, 2016.
9. S. K. Chen, J. W. Lee, S. K. Kao and J. T. Chen, Vibration animation for three damping models, CTAM 2016, Hsinchu, Taiwan, 2016.
10. J. W. Lee, L. W. Liu, H.-K. Hong and J. T. Chen, 2016, Applications of Clifford algebra valued boundary integral equations to electromagnetic scattering problems, 12th World Congress on Computational Mechanics, Seoul, South Korea.
11. J. T. Chen, 2015, A necessary and sufficient BEM/BIEM for two-dimensional elasticity problems, BEM/MRM 38, New Forest.（科技部提升影響力經費補助）
12. W S Huang, S R Kuo, J T Chen, Y T Lee, Revisit of analytical degenerate scales in the BIEM/BEM for 2D elasticity problem, The 38th National Conference on Theoretical and Applied Mechanics, Keelung, 2014.
13. Y C Tu, J W Lee and J T Chen, Focusing phenomenon and near-trapped modes of SH waves, The 38th National Conference on Theoretical and Applied Mechanics, Keelung, 2014.
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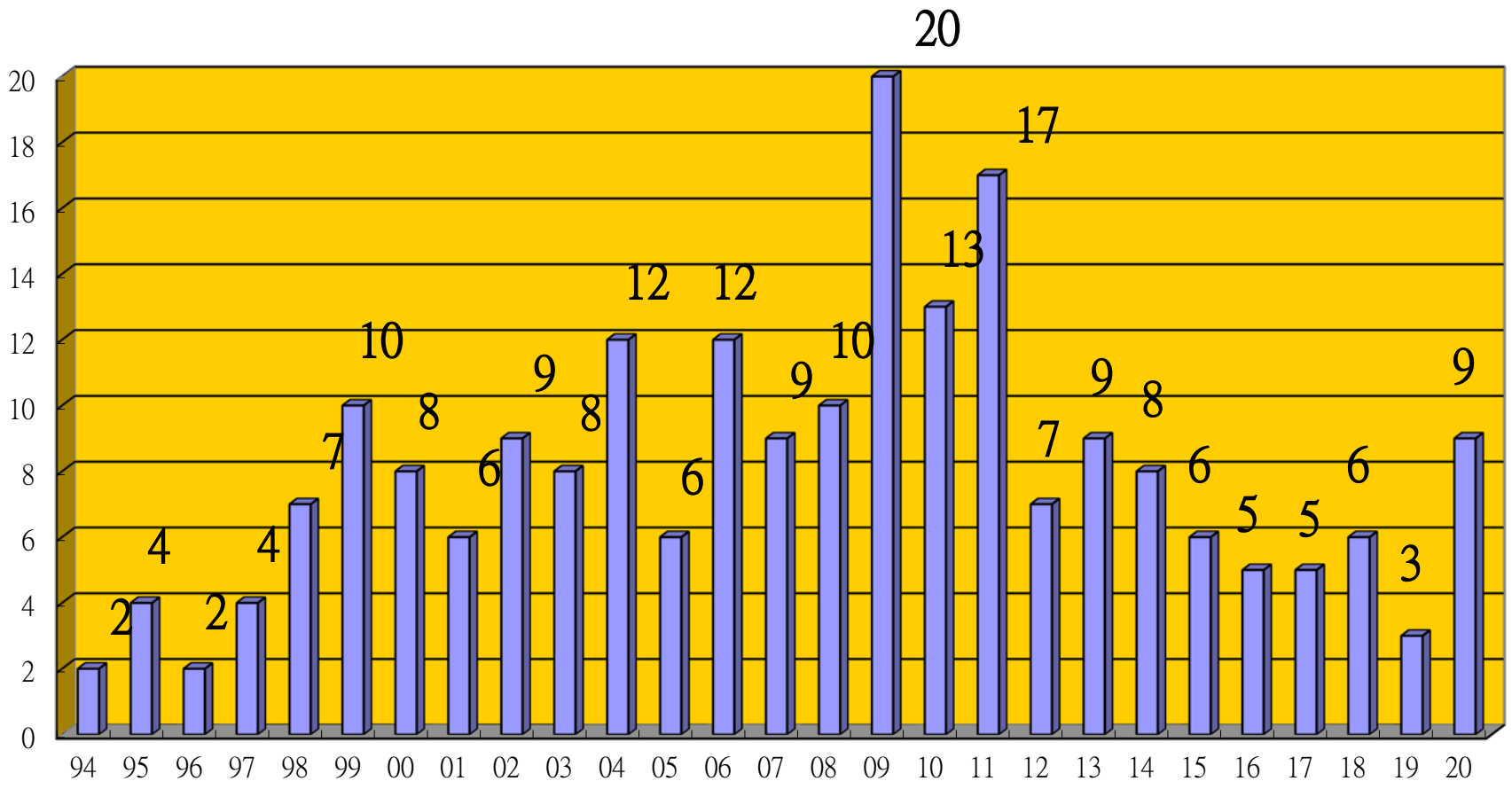
Table C 陳正宗特聘講座教授1994~2020年(9月)

SCI 論文篇數成長圖(Total:223)



陳正宗特聘講座教授發表 SCI 期刊一覽表(1984-2020/共 223 篇) Sep. 24, 2020

	Journal	ISSN	Q	SCI	EI	I.F.	CHL	篇數
1	Composites Part B	1359-8368	Q1	ˇ	ˇ	7.635	4	1
2	Applied Mechanics Review (ASME)	0003-6900	Q1	ˇ	ˇ	6.733	15.8	1
3	Comp. Meth. Appl. Mech. Engng.	0045-7825	Q1	ˇ	ˇ	5.763	10	5
4	Computers, Materials and Continua	1546-2218	Q1	ˇ	ˇ	4.89	1.8	2
5	International J. Mechanical Sciences	0020-7403	Q1	ˇ	ˇ	4.631	4.8	1
6	Advances in Engineering Software	0965-9978	Q1	ˇ	ˇ	3.884	5.3	6
7	Applied Mathematics Letters	0893-9659	Q1	ˇ	ˇ	3.848	6	3
8	Computer & Geotechnics	0266-352X	Q1	ˇ	ˇ	3.818	5.7	1
9	Computers & Structures	0045-7949	Q1	ˇ	ˇ	3.664	12.8	2
10	Applied Mathematical Modelling	0307-904X	Q1	ˇ	ˇ	3.633	5.7	2
11	Engineering Structures	0141-0296	Q1	ˇ	ˇ	3.548	6	1
12	Mechanics of Advanced Materials and Structures	1537-6494	Q1	ˇ	ˇ	3.517	3.3	1
13	Physics of Fluids	1070-6631	Q1	ˇ	ˇ	3.514	12	1
14	Applied Mathematics and Computation	0096-3003	Q1	ˇ	ˇ	3.472	6.4	3
15	Computational Mechanics	0178-7675	Q1	ˇ	ˇ	3.459	7.9	11
16	J. Sound & Vibration	0022-460X	Q1	ˇ	ˇ	3.429	12.1	11
17	Engineering Fracture Mechanics	0013-7944	Q1	ˇ	ˇ	3.426	9.7	1
18	Earthq. Eng. Str. Dyn.	0098-8847	Q1	ˇ	ˇ	3.414	12.8	1
19	IEEE Transaction Microwave Theory Techniques	0018-9480	Q2	ˇ	ˇ	3.413	9.1	1
20	Comp. Math. Appl.	0898-1221	Q1	ˇ	ˇ	3.37	8.4	1
21	Int. J. Solids and Structures	0020-7683	Q1	ˇ	ˇ	3.213	12.3	2
22	Ocean Engineering	0029-8018	Q1	ˇ	ˇ	3.068	4.6	1
23	Structural Engineering Mechanics	1225-4568	Q1	ˇ	ˇ	2.984	3.9	1
24	Finite Element Analysis and Design	0168-874X	Q1	ˇ	ˇ	2.949	8.7	4
25	Engineering Analysis with Boundary Elements	0955-7997	Q1	ˇ	ˇ	2.884	6	50
26	Int. J. Num. Meth. Engng.	0029-5981	Q1	ˇ	ˇ	2.866	14.1	5
27	J Earthq Eng	1363-2469	Q1	ˇ	ˇ	2.779	9.6	1
28	Thermochimica Acta	0040-6031	Q2	ˇ	ˇ	2.762	11.8	1
29	Applied Ocean Research	0141-1187	Q2	ˇ	ˇ	2.753	5.8	1
30	Proc. Royal Soc. Lond. Ser. A.	1364-5021	Q2	ˇ	ˇ	2.741	20.4	2
31	J. Appl. Mech. (ASME)	0021-8936	Q2	ˇ	ˇ	2.671	33.1	5
32	Soil Dynamics and Earthquake Engineering	0267-7261	Q2	ˇ	ˇ	2.637	6.6	3
33	Geophysical Journal International	0956-540X	Q2	ˇ	ˇ	2.574	10	1
34	IEEE J. MEMS	1057-7157	Q2	ˇ	ˇ	2.534	10	1
35	Applied Acoustics	0003-682X	Q2	ˇ	ˇ	2.44	5.4	3
36	Semiconductor Sci. Tech.	0268-1242	Q2	ˇ	ˇ	2.361	7.3	1
37	J VIB ACOUST (ASME)	1048-9002	Q2	ˇ	ˇ	2.343	9.1	1
38	Mech. Res. Comm.	0093-6413	Q2	ˇ	ˇ	2.282	8.6	9
39	NUMER METH PDE	0749-159X	Q1	ˇ	ˇ	2.236	8.3	2
40	Journal of Scientific Computing	0885-7474	Q1	ˇ	ˇ	2.228	6	1
41	Meccanica	0025-6455	Q2	ˇ	ˇ	2.153	5	1
42	EUROPEAN JOURNAL OF MECHANICS B-FLUIDS (EJMB/F)	0997-7546	Q2	ˇ	ˇ	2.137	6.1	1
43	Acta Mechanica	0001-5970	Q3	ˇ	ˇ	2.102	7.4	3
44	Comm. Num. Meth. Engng. (INT J NUMER METH BIO)	2040-7939	Q2	ˇ	ˇ	2.097	5.4	3
45	Computing	0010-485X	Q2	ˇ	ˇ	2.044	12.3	2
46	J. Computational and Applied Math.	0377-0427	Q1	ˇ	ˇ	2.037	9.7	1
47	ASCE (J. Eng. Mech.)	0733-9399	Q2	ˇ	ˇ	2.003	17.5	2
48	Advances in Applied Mathematics and Mechanics	2070-0733	Q1	ˇ	ˇ	1.961	3.3	1
49	IEEE Comp. Sci. Eng.	1521-9615	Q3	ˇ	ˇ	1.935	12.1	1
50	Int.J. Num. Meth. Flu.	0271-2091	Q2	ˇ	ˇ	1.808	12.3	1
51	Boundary Value Problems	1687-2770	Q1	ˇ	ˇ	1.794	4.6	1
52	J. Acoust. Soc. Amer.	0001-4966	Q2	ˇ	ˇ	1.78	16.3	4
53	IEEE Circuits Devices(-2008)	8755-3996	Q2	ˇ	ˇ	1.741	5.4	1
54	J. Micromechanics & Microengineering	0960-1317	Q3	ˇ	ˇ	1.739	9.9	1
55	International J. Comp. Meth.	0219-8762	Q3	ˇ	ˇ	1.716	5.1	2
56	Earthquake Engineering and Engineering Vibration	1671-3664	Q3	ˇ	ˇ	1.642	7.7	1
57	IEEE Transactions on Magnetics	0018-9464	Q3	ˇ	ˇ	1.626	9.6	1
58	Wave Motion	0165-2125	Q2	ˇ	ˇ	1.563	8.8	1
59	Journal of Electrostatics	0304-3886	Q3	ˇ	ˇ	1.556	11.6	1
60	J. Computational Acoustics	0218-396X	Q2	ˇ	ˇ	1.471	14.2	2
61	Microelectronics J.	0026-2692	Q3	ˇ	ˇ	1.405	7.7	1
62	Proc. Inst. Mech. Eng. Part C	0954-4062	Q3	ˇ	ˇ	1.386	6.3	1
63	Archive of Applied Mechanics	0939-1533	Q3	ˇ	ˇ	1.374	7.7	1
64	ASCE Wat. Por. Coast. Ocean Engng.	0733-950X	Q3	ˇ	ˇ	1.325	15.7	1
65	Engineering Computations	0264-4401	Q2	ˇ	ˇ	1.322	8.3	2
66	Inverse Problems in Science and Engineering	1741-5977	Q3	ˇ	ˇ	1.314	5	2
67	J. Mechanics/力學期刊 B	1727-7191	Q4	ˇ	ˇ	1.293	5.4	7/1
68	Applicable Analysis	0003-6811	Q3	ˇ	ˇ	1.107	7.3	1
69	COMPUTER APPLICATIONS IN ENGINEERING EDUCATION	1061-3773	Q4	ˇ	ˇ	0.856	4.4	2
70	Computer Modeling Engineering Sciences	1526-1492	Q4	ˇ	ˇ	0.805	9.5	10
71	J. Chin. Inst. Eng. (中國工程學刊)	0253-3839	Q4	ˇ	ˇ	0.667	7.5	5
72	Int. J. Offshore Polar Eng. (ISOPE J)	1053-5381	Q4	ˇ	ˇ	0.604	11.6	1
73	J MAR SCI TECH-TAIWAN	1023-2796	Q4	ˇ	ˇ	0.444	7.3	4
74	Kuwait J. Sci. Engng.(-2014)	1024-8684	Q4	ˇ	ˇ	0.312	7.5	1
75	JSME Series A (-2008)	1344-7912	Q4	ˇ	ˇ	0.219	8.9	1
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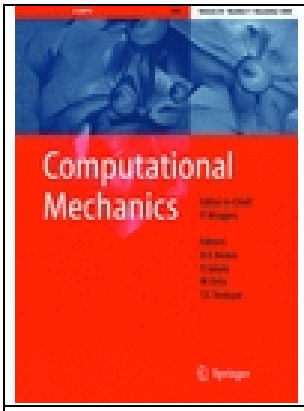
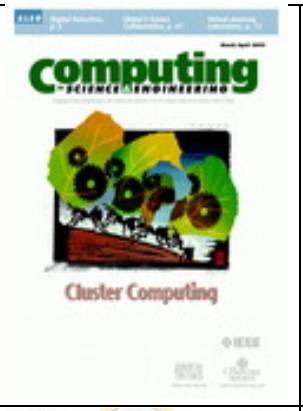
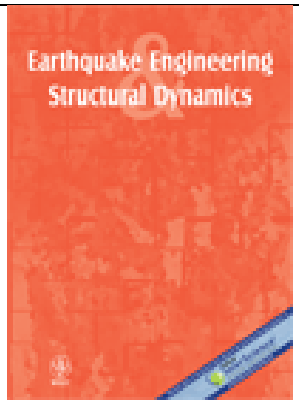
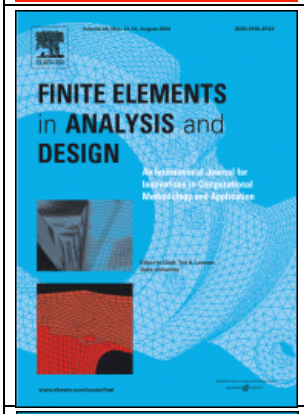
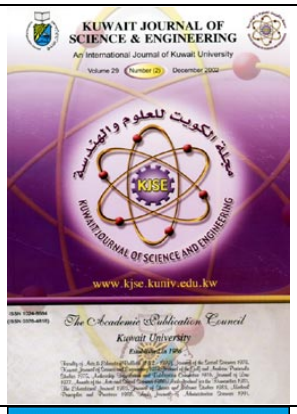
NTOU MSVLAB 發表期刊一覽表 (1994-2020) 陳正宗特聘講座教授

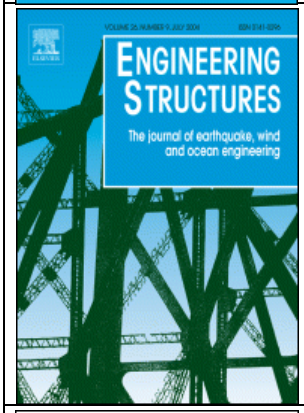


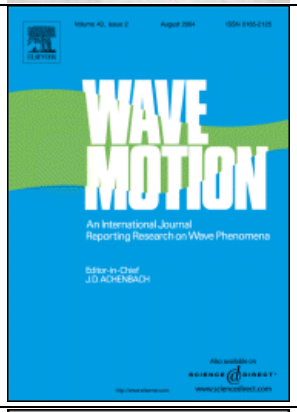


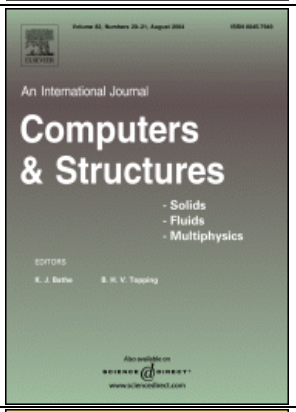


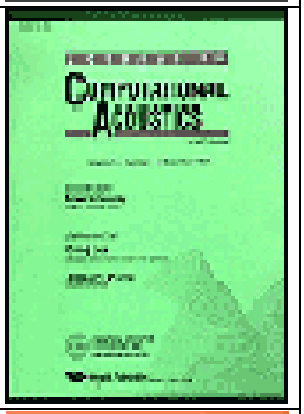


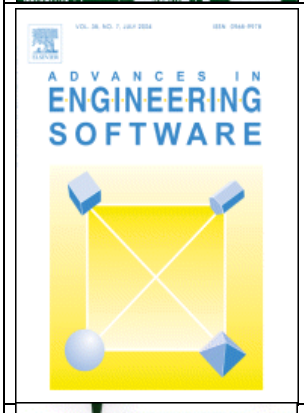


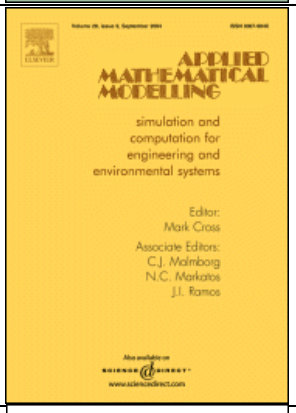


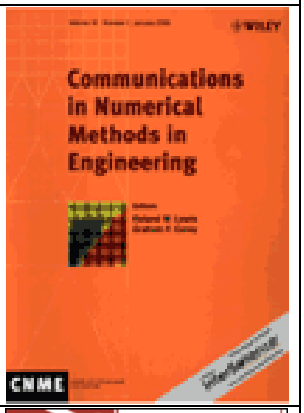


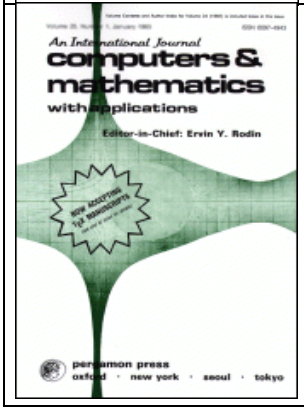


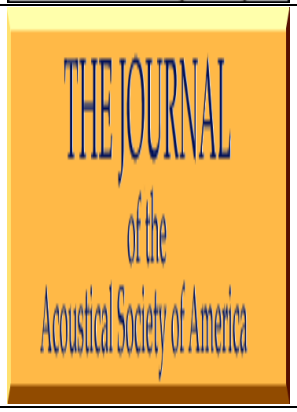


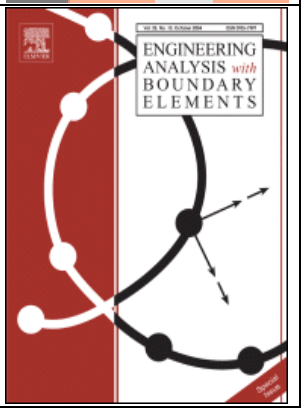




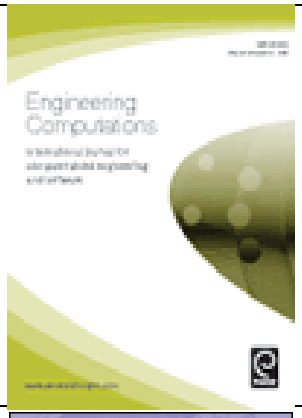


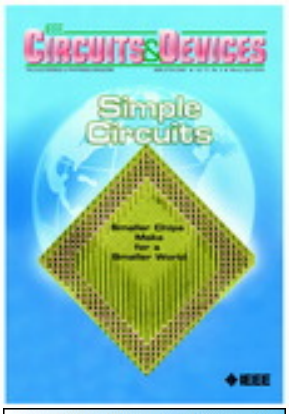


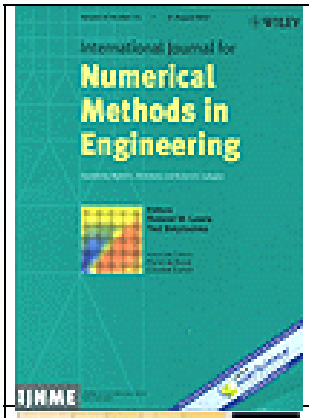


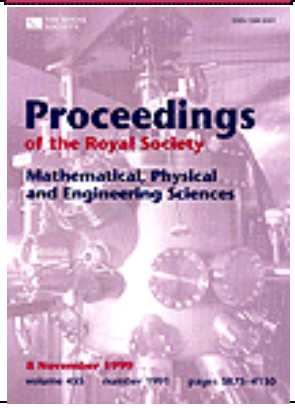


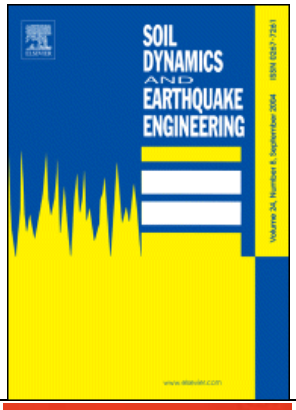
NTOU MSVLAB 發表期刊一覽表 (1994-2019)

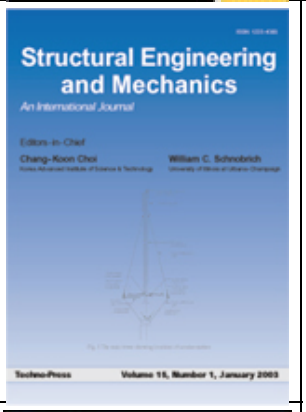


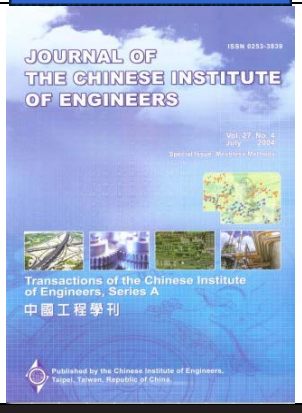


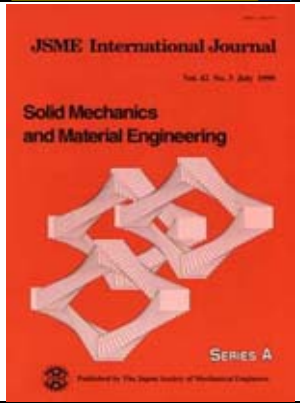


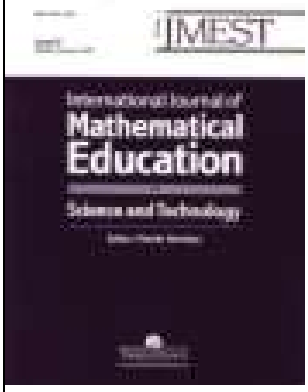


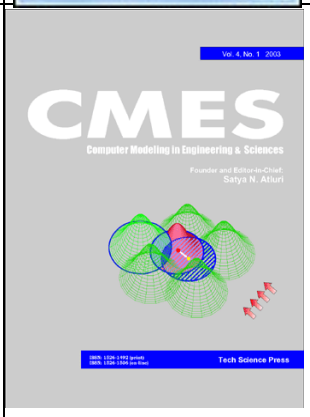


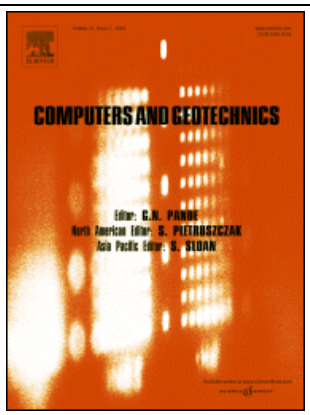




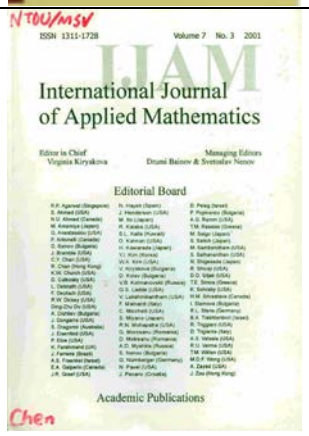


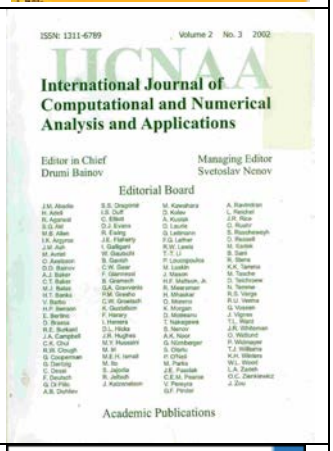


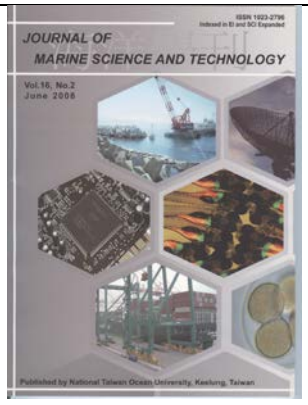


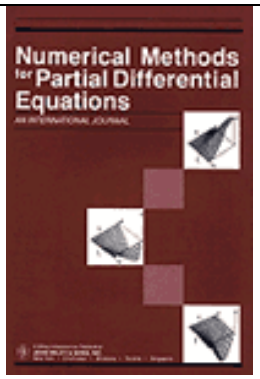


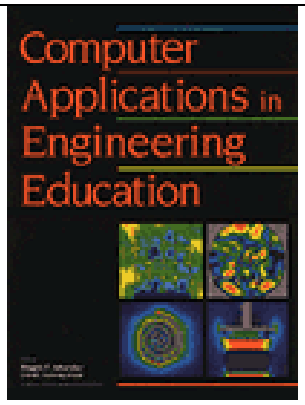
NTOU MSVLAB 發表期刊一覽表 (1994-2019)

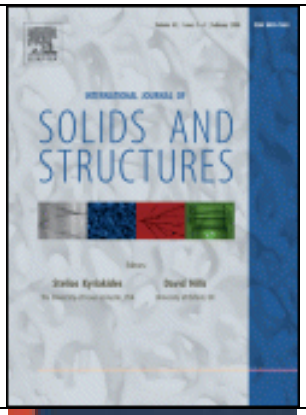


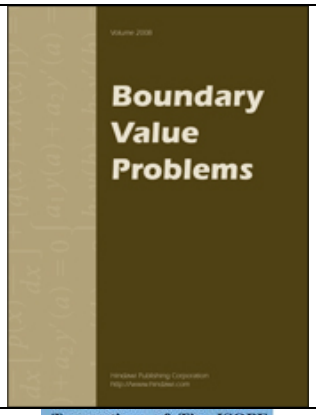


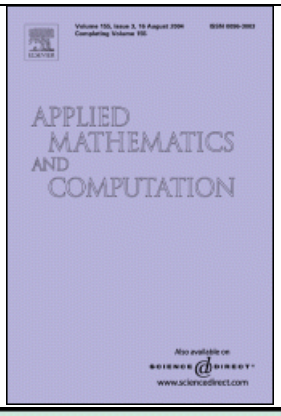


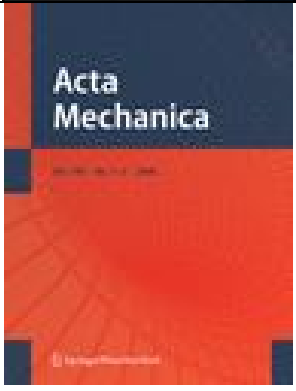


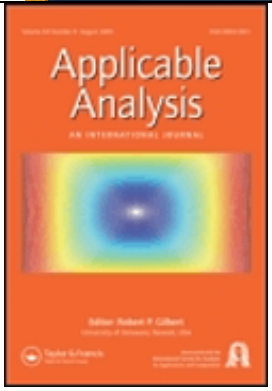












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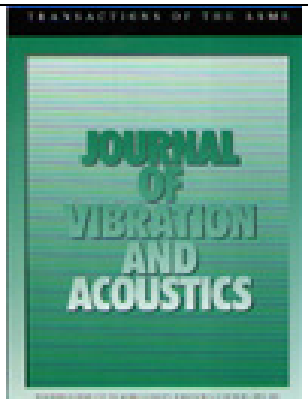
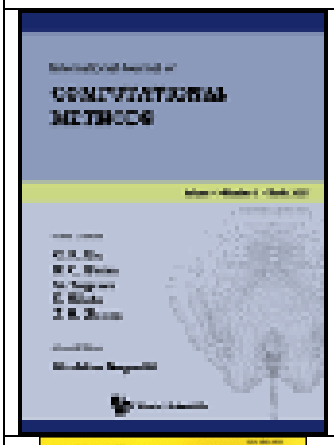
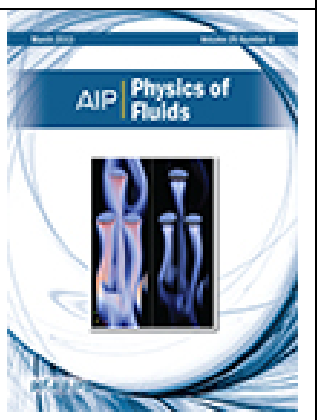
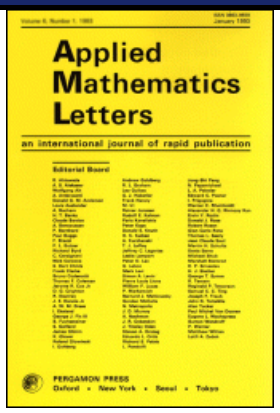
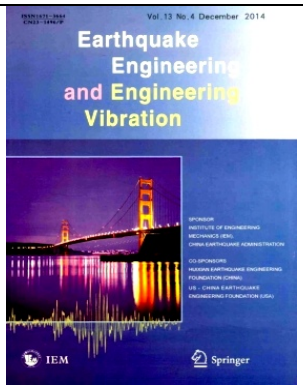
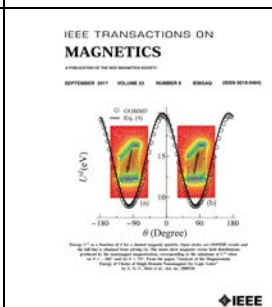


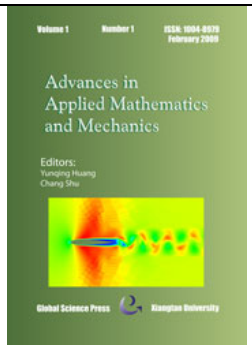












NTOU/MSV Google citing 五篇破百 (2020)

1999	J. T. Chen and H.-K. Hong, 1999, Review of dual boundary element methods with emphasis on hypersingular integrals and divergent series, Applied Mechanics Reviews, ASME, Vol.52, No.1, pp.17-33.	421
1988	H.-K. Hong and J. T. Chen, 1988, Derivations of Integral Equations of Elasticity, Journal of Engineering Mechanics, ASCE, Vol.114, No.6, pp.1028-1044.	344
2007	J. T. Chen, C. S. Wu, Y. T. Lee and K. H. Chen, 2007, On the equivalence of the Trefftz method and method of fundamental solutions for Laplace and biharmonic equations, Computers and Mathematics with Applications, Vol.53, No.6, pp.851-879.	127
1998	J. T. Chen and F. C. Wong, 1998, Dual formulation of multiple reciprocity method for the acoustic mode of a cavity with a thin partition, J. of Sound and Vibration, Vol. 217, No.1, pp.75-95.	118
2002	J. T. Chen, S. R. Kuo and J. 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.	100

陳正宗特聘講座教授得獎表(2020)

台學審字第1000190787號

榮譽證書

陳正宗　教授

致力學術研究貢獻卓著

榮獲教育部第55屆

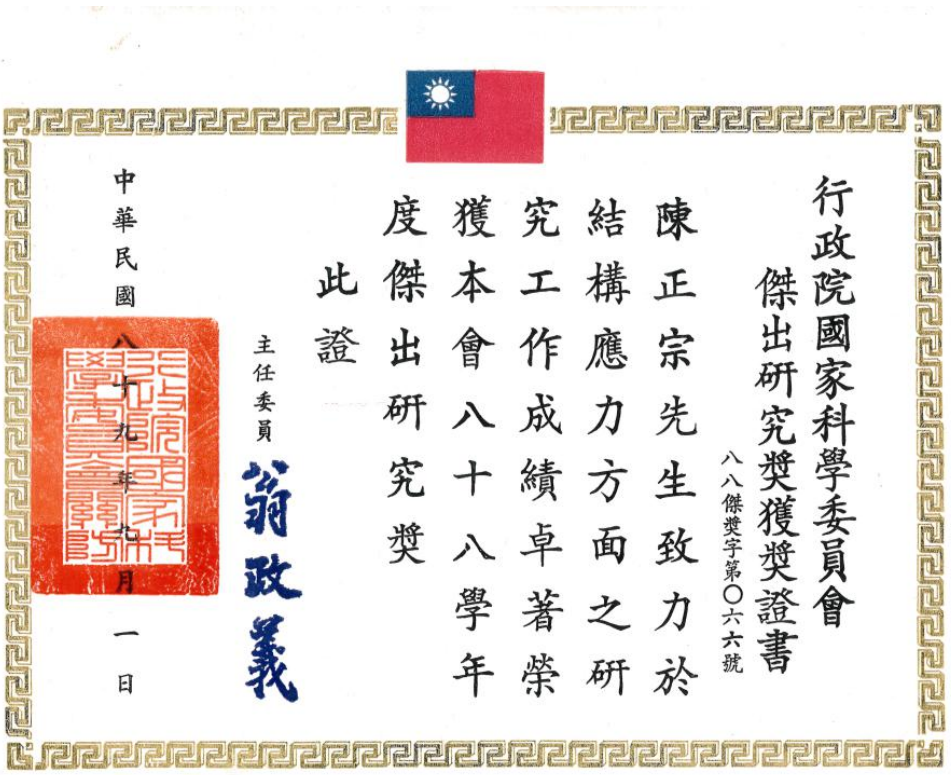
工程及應用科學類科

學術獎

特贈榮譽證書　以資表揚

部長 吳清基

中華民國100年12月27日



行政院國家科學委員會
傑出研究獎獲獎證書

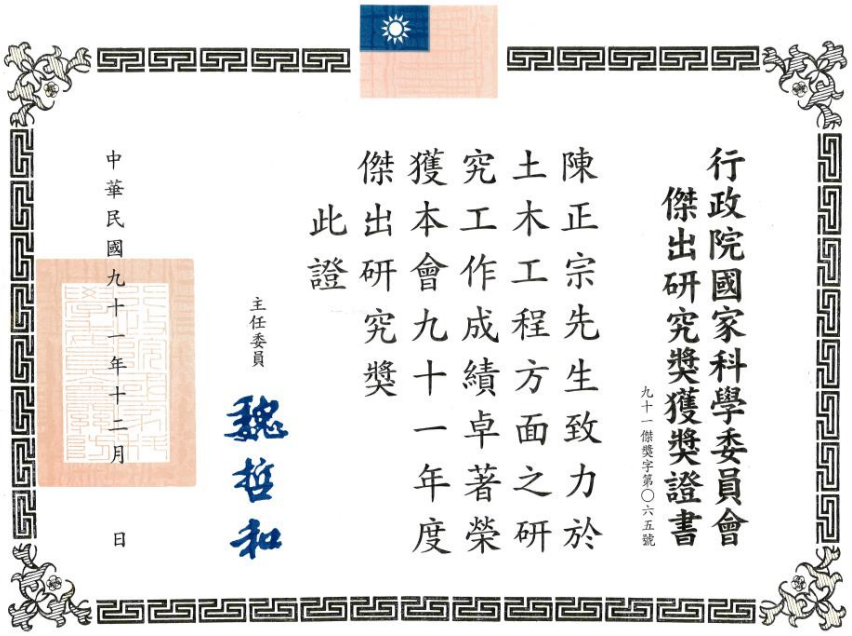
八八傑獎字第〇六六號

陳正宗先生致力於結構應力方面之研究工作成績卓著榮獲本會八十八學年度傑出研究獎

此證

主任委員 翁政義

中華民國八十九年九月一日



行政院國家科學委員會
傑出研究獎獲獎證書

九十一傑獎字第〇六五號

陳正宗先生致力於土木工程方面之研究工作成績卓著榮獲本會九十一年度傑出研究獎

此證

主任委員 魏哲和

中華民國九十一年十二月 日

行政院國家科學委員會
National Science Council

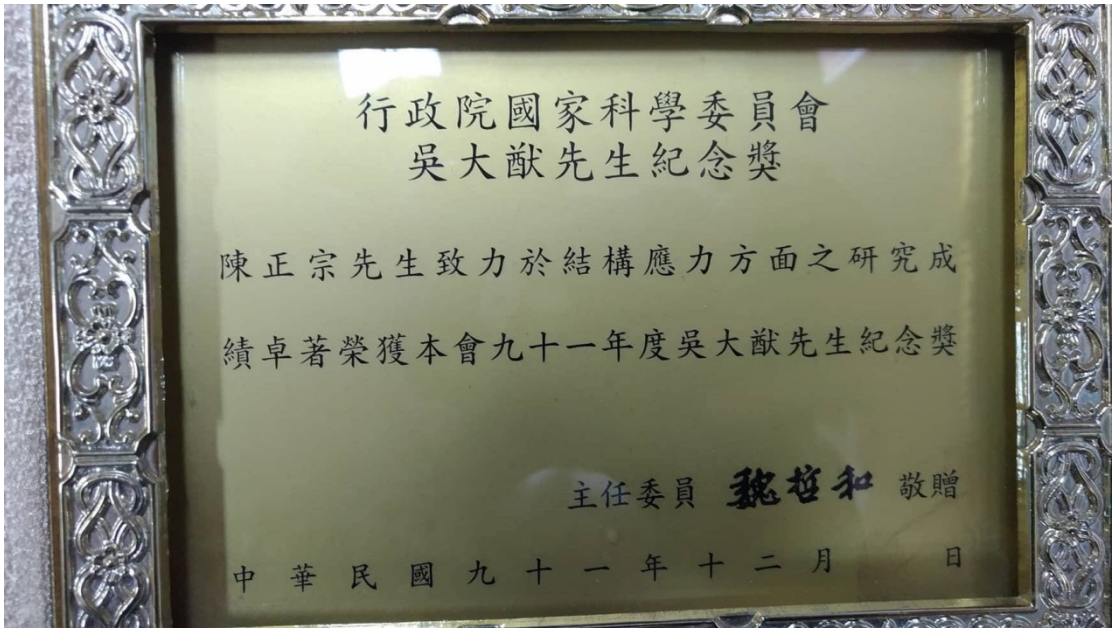
行政院國家科學委員會
傑出研究獎獲獎證書

98 傑獎字第 55 號

陳正宗先生致力於土木水利工程方面之研究工作績效卓著榮獲本會98年度傑出研究獎

主任委員 李羅權

中 華 民 國 99 年 5 月 12 日

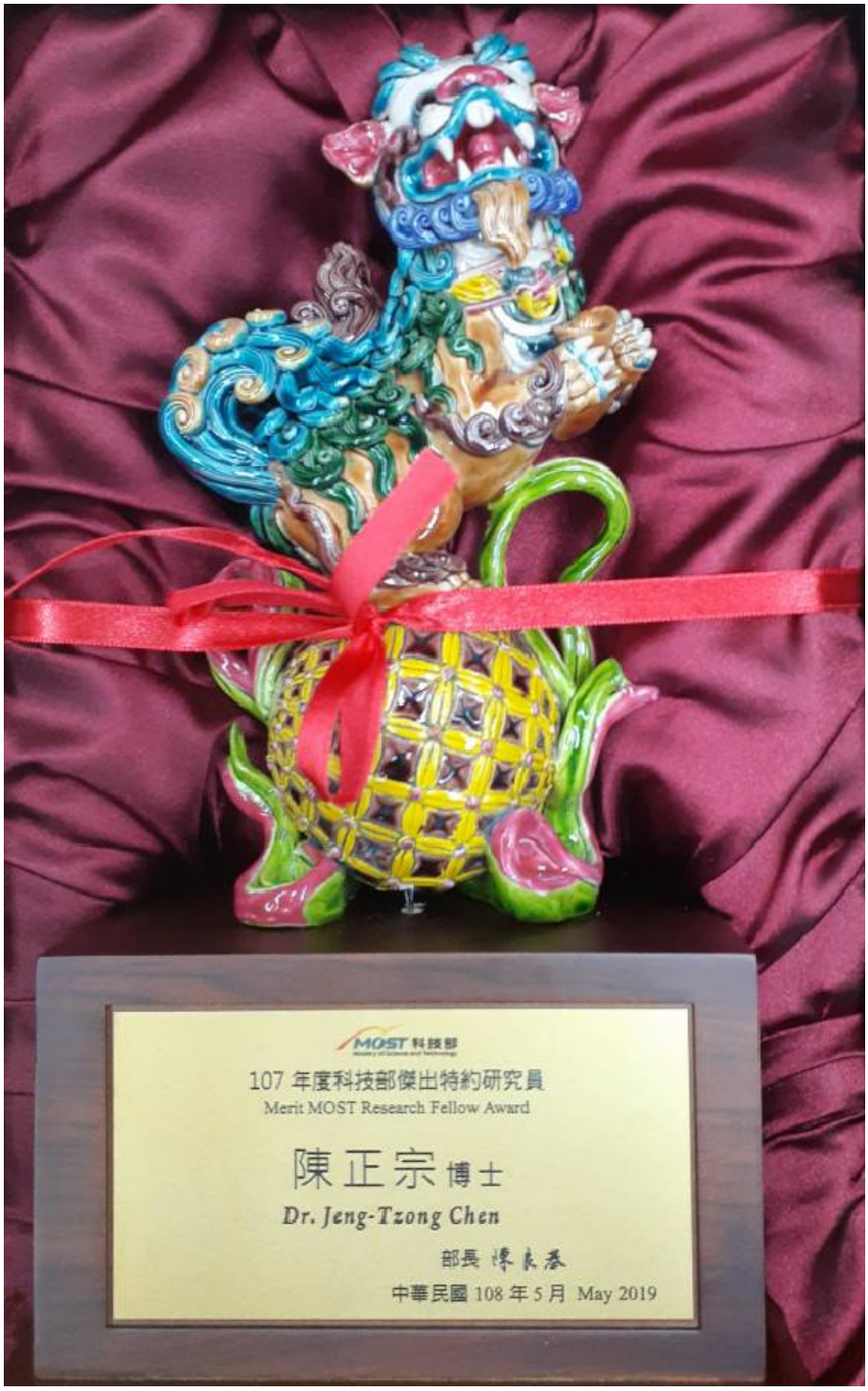


行政院國家科學委員會
吳大猷先生紀念獎

陳正宗先生致力於結構應力方面之研究成績卓著榮獲本會九十一年度吳大猷先生紀念獎

主任委員 魏哲和 敬贈

中華民國九十一年十二月 日


MOST 科技部
107 年度科技部傑出特約研究員
Merit MOST Research Fellow Award
陳正宗博士
Dr. Jeng-Tzong Chen
部長 李良哉
中華民國 108 年 5 月 May 2019

國立臺灣海洋大學

特聘講座聘書

（107）海大講聘字第 1070001 號

茲敬聘

陳正宗博士為本大學特聘講座教授

聘約有效期間：

自107年8月1日起至110年7月31日止

校長 張清風

中華民國107年8月1日

國立臺灣海洋大學特聘教授聘書

(95) 海特聘字第A-001號

陳正宗 教授致力於「計算力學」領域學術研究，成就斐然，望重士林。特依本校特聘教授設置要點，長聘為海大特聘教授(Distinguished Professor of Computational Mechanics)，以推動該領域之教學及研究工作，提升本校國際學術水準。

校長 **李國添**

中華民國九十六年八月一日

國立臺灣海洋大學特聘教授聘書

(93) 海特聘字第B-001號

陳正宗教授致力於「計算力學」領域學術研究，成就斐然，望重士林。特依本校特聘教授設置要點，聘為海大特聘教授(Distinguished Professor of Computational Mechanics)，聘期自九十三年八月一日至九十六年七月三十一日止，以推動該領域之教學及研究工作，提升本校國際學術水準。

校長　黃榮鑑

中華民國九十三年八月一日


ICACM Fellows AWARD
ICACM
International Chinese Association for Computational Mechanics
Presents
ICACM Fellows Award
To
Jeng-Tzong CHEN
陳正宗
in recognition of his distinguished record of research, accomplishment and publication in areas of computational mechanics and support of the ICACM through membership and participation in the Association, its meetings and activities
At
Third International Symposium on Computational Mechanics
ISCM III, 5-7 December, 2011, Taipei


DU QING HUA MEDAL
DU Qing-Hua Medal
of Computational Methods in Engineering
杜庆华工程计算方法奖章
is presented to 授予
Prof. Jeng-Tzong Chen
National Taiwan Ocean University
陳正宗 教授
臺灣海洋大學
ICOME2019
The Sixth Asia-Pacific International Conference on Computational Methods in Engineering
Sep. 27-30, 2019, Dalian, China. 中国大连，2019年9月27-30日

中華民國力學學會會士證書

本會會士遴選委員會已依會士遴選辦法選出
The Executive Committee has elected

陳正宗 先生
Dr. Jeng-Tzong Chen

爲本會會士
Fellow of
Society of Theoretical and Applied Mechanics of Republic of China

以表彰先生之傑出表現及特殊貢獻
in recognition of outstanding performance and contributions to the Society.
先生爾後將享有本會之最高榮譽與權益
The electee is now entitled to grand honor and all the privileges granted by the Constitution of the Society.

中華民國力學學會理事長陳東陽 謹頒
Dr. Tungyang Chen
President

中 華 民 國 106 年 11 月 24 日
November 24, 2017

首屆會士(109年度)

郭鴻基　Hung-Chi Kuo

國立臺灣大學大氣科學系教授

獲選理由為其在大氣科學研究上的傑出貢獻：颱風動力、大氣動力模擬、推動數學建模教育，以及科學與數學結合。

陳正宗　Jeng-Tzong Chen

國立臺灣海洋大學河海工程學系特聘講座教授

獲選理由為其在計算力學研究上的傑出貢獻，特別是在首創的對偶邊界元素法理論分析與工程應用上的一系列高引用的重要成果。

陳宜良　I-Liang Chern

國立臺灣大學數學系名譽教授

獲選理由為其在雙曲守恆律理論分析、橢圓與雙曲界面數值方法，及玻色愛因思坦凝聚態的數學分析上的研究成果，以及長期對國內應用與計算數學發展的傑出貢獻。

賴明治　Ming-Chih Lai

國立交通大學應用數學系講座教授

獲選理由為其在計算流體力學研究上的傑出貢獻，特別是利用沉浸邊界法及沉浸界面法去解決各式界面流體問題上的一系列重要成果。

獲獎人之任職單位及職稱係以最新資料(名單依姓氏筆畫順序排序)

科技部

107年度傑出特約研究員獎獲獎人員名單(11人)

序號	姓名	服務系所
1	吳安妮	國立政治大學會計學系
2	吳誠文	國立清華大學電機工程學系（所）
3	呂宗昕	國立臺灣大學化學工程學系暨研究所
4	李湘楠	中央研究院物理研究所
5	陳正宗	國立臺灣海洋大學河海工程學系
6	陳鎮東	國立中山大學海洋科學系
7	曾煜棋	國立交通大學資訊工程學系（所）
8	黃志青	國立中山大學材料與光電科學學系
9	黃肇瑞	國立成功大學材料科學及工程學系（所）
10	顏上堯	國立中央大學土木工程學系
11	蘇朝墩	國立清華大學工業工程與工程管理學系（所）

註：以上名單依姓氏筆劃排列

執行及申請中之研究計畫：

計　畫　名　稱 （本會補助者請註明編號）	計畫內擔任之工作	起迄年月	補助或委託機構	申請(核定)情形
遲滯阻尼時間域解法探討	主持人	1995/8 1996/7	國科會	通過
不完全隔間小空間聲場自然聲模分析與實驗	主持人	1996/8 1997/7	國科會	通過
複變數對偶邊界元素法研究	主持人	1997/8 1998/7	國科會	通過
對偶邊界積分方程在外域聲場問題之應用	主持人	1998/8 1999/7	國科會	通過
Analytical study and numerical experiments for spurious eigensolutions of interior and fictitious wave numbers of exterior problem using BEM	主持人	1999/8 2000/7	國科會	通過
對稱化邊界元素法研究	主持人	1999/8 2000/7	國科會	通過
A study on the propagation of oblique incident wave past a thin barrier using the dual BEM	主持人	2000/8 2001/7	國科會	通過
對偶邊界積分方程數學分析及其應用(1/2)	主持人	2000/8 2002/7	國科會	通過
對偶邊界積分方程數學分析及其應用(2/2)	主持人	2000/8 2002/7	國科會	通過
複數邊界元素法在含退化邊界勢能問題的研究	協同主持人	2000/8 2001/7	國科會	通過
無網格法理論建構與程式開發	主持人	2001/8 2002/7	國科會	通過
A unified formulation for degenerate problems in BEM (3 years)	主持人	2002/8 2005/7	國科會	通過
Applications of fast mutipole method for dual integral formulation in the problems of acoustics and oblique incident water wave	主持人	2002/8 2003/7	國科會	通過
Multiply-connected problem using BEM (3 years)	主持人	2003/8 2005/7	國科會	未通過

邊界元素法中退化問題之統一推導 (3 years)	主持人	2002/8 2005/7	國科會	通過
邊界元素法求解板問題中退化尺度之研究	主持人	2004/8 2005/7	國科會	通過
多體輻射與散射	主持人	2005/8 2006/7	國科會	通過
以退化核求解 Laplace, Helmholtz 與 Biharmonic 方程式系統性解法(3 years)	主持人	2005/8 2008/7	國科會	通過
以退化核求解含夾雜 Laplace, 與 Helmholtz 方程式系統性解法(2 years)	主持人	2006/08 2008/07	國科會	通過
計算與模擬在海洋相關科技之應用	主持人	2008/01 2008/12	教育部	通過
含圓洞與夾雜之拉普拉斯、赫姆茲與雙諧和問題格林函數之零場積分方程解法(3 years)	主持人	2008/8 2011/7	國科會	未通過
零場積分方程及其工程應用(3 years)	主持人	2008/08 2011/07	國科會	通過
低噪音環保輪胎設計與驗證技術研究	協同主持人	2009/06 2010/05	科專案	通過
地震波繞行山峰與水波入射港池聚焦問題統一數學模式	主持人	2011/01 2011/12	教育部	通過
半平面含阻抗邊界之映像法	主持人	2011/07 2012/02	國科會	通過
利用映像法與零場積分方程求解格林函數與邊界值問題(3 years)	主持人	2009/08 2012/07	國科會 傑出學者計劃	通過
半解析法求解含橢圓形(圓形)孔洞與束條之多連通特徵值問題	主持人	2010/08 2013/07	國科會	通過
含隧道之半圓形或半橢圓形山峰 SH 波散射問題之零場積分方程解法	主持人	2011/08 2014/07	國科會	通過
低阻力、低噪音環保輪胎設計與驗證技術研究計畫	協同主持人	2010/06 2013/05	科專案	通過

奇異值分解法與加法定理在對偶邊界積分方程法的理論探討及程式開發	主持人	2012/08 2015/07	國科會特約計畫	通過
補助學者提昇國際影響力	主持人	2013/01 2013/12	國科會	未通過
邊界元素法中的退化尺度與複變理論中單位對數容量關聯之研究	主持人	2013/08 2014/07	科技部	通過
無退化尺度之邊界積分方程推導及邊界元素法之應用	主持人	2014/08 2017/07	科技部	通過
補助學者提昇國際影響力	主持人	2015/01 2015/12	科技部	通過
自救式邊界元素法-理論與應用	主持人	2015/08 2018/07	科技部	通過
台北 101 制震系統說物理	主持人	2015/08 2016/07	科技部	通過
修正型格林函數於求解二維拉普拉斯方程邊界值問題之應用	主持人	2016/08 2017/07	科技部	通過
二維外域問題退化尺度之研究: 雙極座標解析推導與邊界元素法數值實驗(3 years)	主持人	2017/08 2020/07	科技部	通過
同幾何分析對偶邊界元素法用於拉普拉斯方程的退化邊界問題	主持人	2017/08 2018/07	科技部	通過
土木水利工程學門研究發展及推動規劃小組計畫(3 years)	主持人	2018/01 2020/12	科技部	通過
無因次二維基本解之退化尺度研究	主持人	2018/08 2019/07	科技部	通過
間接邊界元素法與基本解法之虛擬頻率問題探討	主持人	2018/08 2019/07	科技部	通過
含 cracklets 與 Stokeslets 之角度基底函數法於裂縫及斯托克斯流問題之應用	主持人	2019/08 2020/07	科技部	通過

論 Steklov 特徵問題的完備基底	主持人	2019/08 2020/07	科技部	通過
邊界元素法/邊界積分方程法中雙退化問題之探討	主持人	2020/08 2023/07	科技部	通過