工學院/河海工程學系　申請人姓名：陳正宗 點數：316 篇數：69 影響係數：90.666

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序號	發表年月	論文名稱	期刊名稱	第一作者	通訊作者	百分比	影響系數(IF)	收錄分類	點數
1	105/10	Computation of scattering of a plane wave from multiple prolatespheroids using the collocation multipole method	The Journal of the Acoustical Society of America	否	否	34%	1.572	SCI	0.80
2	105/09	Focusing phenomenon and near-trapped modes of SH waves	Earthquake Engineering and Engineering Vibration	是	是	63%	.814	SCI	4.00
3	105/08	Applications of the Clifford algebra valued boundary element method to electromagnetic scattering problems	Engineering Analysis with Boundary Elements	否	是	23%	1.862	SCI	6.00
4	105/06	Green's functions problem of Laplace equation with spherical and prolate spheroidal boundaries by using the null-field boundary integral equation	International Journal of Computational Methods	否	是	44%	1.123	SCI	4.00
5	105/06	A necessary and sufficient BEM/BIEM for two-dimensional elasticity problems	Engineering Analysis with Boundary Elements	是	是	23%	1.862	SCI	6.00
6	104/7	一種第一類Fredholm 積分方程組解的存在唯一性充分必要條件	中國科學:數學(慶祝林群院士專刊)	否	否	0%	.000		0
7	104/11	Revisit of the indirect boundary element method: necessary and sufficient formulation	Journal of Scientific Computing	是	是	9%	1.700	SCI	8.00
8	104/10	On the free terms of the dual BIE for N-dimensional Laplace problems	Engineering Analysis with Boundary Elements	是	是	29%	1.392	SCI	6.00
9	104/10	Revisit of the dual BEM using SVD updating technique	Journal of Mechanics	是	是	87%	.580	SCI	4.00
10	104/08	Revisit of a degenerate scale: a semi-circular disk	Journal of Computational and Applied Mathematics	是	是	23%	1.266	SCI	6.00
11	104/05	Generalized complex variable boundary integral equation for stress fields and torsional rigidity in torsion problems	Engineering Analysis with Boundary Elements	否	是	29%	1.392	SCI	6.00
12	104/02	Eigenanalysis for a confocal prolate spheroidal resonator using the null-field BIEM in conjunction with degenerate kernels	Acta Mechanica	是	是	45%	1.465	SCI	4.00
13	103/3	參數異動法在結構動力學應用	結構工程	否	否	0%	.000		0
14	103/12	A self-regularized approach for deriving the free-free stiffness and flexibility matrices	Computers and Structures	是	是	11%	2.178	SCI	6.00
15	103/11	The collocation multipole method for solving multiple scattering problems with circular boundaries	Engineering Analysis with Boundary Elements	否	是	24%	1.437	SCI	6.00
16	103/1	Regularization methods for illconditioned system of the integral equation of the first kind with the logarithmic kernel.	Inverse Problem in Science and Engineering	是	是	0%	.000		0
17	103/09	Formulation of the MFS for the two-dimensional Laplace equation with an added constant and constraint	Engineering Analysis with Boundary Elements	是	是	24%	1.437	SCI	6.00
18	103/03	Null-field BIEM for solving a scattering problem from a point source to a two-layer prolate spheroid	Acta Mechanica	否	是	48%	1.268	SCI	4.00

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19	103/02	Null-field integral approach for the piezoelectricity problems with multiple elliptical inhomogeneities	Engineering Analysis with Boundary Elements	否	是	24%	1.437	SCI	6.00
20	103/02	True and spurious eigensolutions of an elliptical membrane by using non-dimensional dynamic influence function method	ASME Journal of Vibration and Acoustics	是	是	35%	1.147	SCI	4.00
21	103/01	Regularization methods for illconditionedsystem of the integral equation of the first kind with the logarithmic kernel.	Inverse Problem in Science and Engineering	是	是	56%	.800	SCI	4.00
22	103/01	Singular boundary method: three regularization approaches and exterior wave applications	CMES	否	否	44%	1.030	SCI	0.80
23	103/0	可聽出鼓的形狀嗎？對偶邊界元素法分析	數學傳播	是	是	0%	.000		0
24	102/09	A near-trapped mode and fictitious frequencies of multiple scattering by an array of elliptical cylinders in water waves	Physics of Fluids	是	是	16%	1.942	SCI	6.00
25	102/09	Linkage between the unit logarithmic capacity in the theory of complex variables and the degenerate scale in the BEM/BIEMs	Applied Mathematics Letters	否	是	13%	1.501	SCI	6.00
26	102/07	Study of harbor resonance and focusing by using the null-field BIEM, Engineering Analysis with Boundary Elements	Engineering Analysis with Boundary Elements	是	是	19%	1.596	SCI	6.00
27	102/03	On the true and spurious eigenvalues by using the real or imagainary part- of the method of fundamental solution	International Journal Computational Methods	否	是	68%	.481	SCI	4.00
28	102/02	BEM analysis of thin structures for therrmoelastic problems	Engineering Analysis with Boundary Elements	否	否	19%	1.596	SCI	1.20
29	102/01	A Green's function for the domain bounded by non-concentric spheres	ASME Journal of Applied Mechanics	是	是	54%	1.041	SCI	4.00
30	102/01	Analytical derivation and numerical experiments of degenerate scale for regular N-gon domains in BEM	Applied Mathematics and Computation	否	是	17%	1.349	SCI	6.00
31	102/01	Null-field approach for the antiplane problem with elliptical holes and/or inclusions	Composites Part B-Engineering	否	是	8%	2.143	SCI	8.00
32	102/01	On the null and nonzero fields for true and spurious eigenvalues of annular and confocal elliptical membranes	Engineering Analysis with Boundary Elements	是	是	19%	1.596	SCI	6.00
33	101/12	A Semianalytical Approach for a Nonconfocal Suspended Strip in an Elliptical Waveguide	IEEE Transactions on Microwave Theory and	否	是	18%	1.543	SCI	6.00
34	101/11	On physical and numerical resonance for water wave problems using the dual boundary element method	Engineering Analysis with Boundary Elements	否	是	19%	1.596	SCI	6.00
35	101/09	Analytical derivation and numerical experiments of degenerate scale for an ellipse in BEM	Engineering Analysis with Boundary Elements	是	是	19%	1.596	SCI	6.00
36	101/06	Analytical and numerical investigation for true and spurious eigensolutions of an elliptical membrane using the real-part dual BEM	Meccanica	是	是	21%	1.747	SCI	6.00

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37	101/04	Water wave problems using null-field boundary integral equations: Ill-posedness and remedies	Applicable Analysis	是	是	55%	.710	SCI	4.00
38	101/03	On the near-trapped modes and fictitious frequencies for water wave problems containing an array of circular cylinders using a null-field integral equations	European Journal of Mechanics-B/Fluids	是	是	25%	1.635	SCI	6.00
39	101/01	SH-wave scattering by a semi-elliptical hill using a null-field boundary integral equation method and a hybrid method	Geophysical Journal International	是	是	22%	2.853	SCI	6.00
40	100/11	A novel boundary element approach for solving the anisotropic potential problem	Engineering Analysis with Boundary Elements	否	否	19%	1.596	SCI	1.20
41	100/11	A novel method for solving the displacement and stress fields of an infinite domain with circular holes and/or inclusions subject to a screw dislocation	Acta Mechanica	是	是	46%	1.247	SCI	4.00
42	100/11	Analysis of Water Wave Problems Containing Single and Multiple Cylinders by Using Degenerate Kernel Method	International Journal of Offshore and Polar	是	是	67%	.489	SCI	4.00
43	100/11	New series expansions for fundamental solutions of linear elastostatics in 2D	Computing	否	是	45%	.807	SCI	4.00
44	100/11	SH-wave diffraction by a semi-circular hill revisited: A null-field boundary integral equation method using degenerate kernels	Soil Dynamics and Earthquake Engineering	是	是	25%	1.276	SCI	6.00
45	100/11	Scattering of Sound from Point Sources by Multiple Circular Cylinders Using Addition Theorem and Superposition Technique	Numerical Methods for Partial Differential Equations	是	是	23%	1.212	SCI	6.00
46	100/11	Scattering of flexural wave in a thin plate with multiple circular inclusions by using the multipole method	International Journal of Mechanical Sciences	否	是	18%	1.613	SCI	6.00
47	100/11	Study on connections of the MFS, Trefftz method, indirect BIEM and invariant MFS in the three-dimensional Laplace problems containing spherical boundaries	Applied Mathematics and Computation	是	是	17%	1.349	SCI	6.00
48	100/11	Water wave interaction with surface-piercing porous cylinders using the null-field integral equations	Ocean Engineering	是	是	14%	1.161	SCI	6.00
49	100/09	A nonlinear transformation applied to boundary layer effect and thin body effect in BEM for 2D potential problems	Chinese Institute of Engineers	否	否	90%	.237	SCI	0.80
50	100/08	Boundary element analysis of thin structural problems in 2D elastostatics, J. Marine Science and Technology	Journal of Marine Science and Technology	否	否	21%	.845	SCI	1.20
51	100/05	Stress analysis for multilayered coating systems using semi-analytical BEM with geometric nonlinearities	Computational Mechanics	否	否	6%	2.432	SCI	1.60
52	100/04	Internal stress analysis for single and multilayered coating systems using the boundary element method	Engineering Analysis with Boundary Elements	否	否	19%	1.596	SCI	1.20
53	100/03	Boundary element analysis of 2D thin walled structures with higher-order geometry elements using transformation	Engineering Analysis with Boundary Elements	否	否	19%	1.596	SCI	1.20
54	100/03	Analytical investigation for true and spurious eigensolutions of multiply-connected membranes containing elliptical boundaries using the dual BIEM	International Journal of Solids and Structures	是	是	18%	1.871	SCI	6.00

106年度國立台灣海洋大學彈薪期刊論文列表(99/1~105/12)

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55	100/01	Bipolar coordinates, image method and the method of fundamental solutions for Green's fuctions of Laplace problems with circular boundaries	Engineering Analysis with Boundary Elements	是	是	19%	1.596	SCI	6.00
56	100/01	Free vibration analysis of a circular plate with mutipole circular holes by using addition theorem and indirect BIEM	Journal of Applied Mechanics	否	是	54%	1.041	SCI	4.00
57	099/12	A study on the method of fundamental solutions using an image concept	Applied Mathematical Modelling	是	是	12%	1.706	SCI	6.00
58	099/11	On the spurious eigenvalues for a concentric sphere in BIEM	Applied Acoustics	是	是	52%	1.097	SCI	4.00
59	099/07	Eigensolutions of a circular plate with multipole circular holes by using direct BIEM and addition theorem	Engineering Analysis with Boundary Elements	否	是	19%	1.596	SCI	6.00
60	099/06	Effective condition number and its applications	Computing	否	是	45%	.807	SCI	4.00
61	099/05	Boundary element analysis of thermal behavior in thin-coated cutting tools	Engineering Analysis with Boundary Elements	否	是	19%	1.596	SCI	6.00
62	099/05	Revisit of two classical elasticity problems by using the null-field integral equations	Journal of Mechanics	是	是	92%	.333	SCI	4.00
63	099/04	Analysis of multiple-spheres radiation and scattering problems by using null-field integral equations approach	Applied Acoustics	是	是	52%	1.097	SCI	4.00
64	099/04	Torsional rigidity of a bar with multiple elliptical inclusions using a null-field integral approach	Computational Mechanics	是	是	6%	2.432	SCI	8.00
65	099/02	Image solutions for boundary value problems without sources	Appled Mathematics and Computation	是	是	17%	1.349	SCI	6.00
66	099/01	Eigensolutions of the Helmholtz equation for a multiply connected domain with circular boundaries using the multipole Trefftz method	Engineering Analysis with Boundary Element	是	是	19%	1.596	SCI	6.00
67	099/01	Image location for screw dislocation	Boundary Value Problems	是	是	17%	.922	SCI	6.00
68	099/01	Scattering of flexural wave in thin plate with multiple circular holes by using the multiple Trefftz method	International Journal of Solids and Structures	否	是	18%	1.871	SCI	6.00
69	099/01	Scattering of flexural wave in thin plate with multiple inclusions by using null-field integral equation approach	Journal of Sound and Vibration	否	是	18%	1.613	SCI	6.00