

109年度國立台灣海洋大學彈薪期刊論文列表(104/1~108/12)

工學院/河海工程學系 申請人姓名：陳正宗 點數：202.8 篇數：41 影響係數：61.092

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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	影響係數(IF)	收錄分類	點數
1	108/10	Semi-analytical approach for torsion problems of a circular bar containing multiple holes and/or cracks	Engineering Fracture Mechanics	否	是	20%	2.908	SCI	6.00
2	108/05	Indirect boundary element method combining extra fundamental solutions for solving exterior acoustic problems with fictitious frequencies	Journal of the Acoustical Society of America	否	是	52%	1.605	SCI	4.00
3	108/01	Revisit of the degenerate scale for an infinite plane problem containing two circular holes using conformal mapping	Applied Mathematics Letters	否	是	5%	2.462	SCI	8.00
4	107/12	Scattering problems of the SH wave by using the null-field boundary integral equation method	Journal of Earthquake Engineering	是	是	41%	1.763	SCI	4.00
5	107/10	On the animations and properties of three SDOF damping systems	Journal of Engineering Mechanics	是	是	47%	1.799	SCI	4.00
6	107/08	Static analysis of the free-free trusses by using a self-regularization approach	Journal of Mechanics	是	是	77%	1.046	SCI	4.00
7	107/07	Dynamic Green's function for multiple circular inclusions with imperfect interfaces using the collocation multipole method	Engineering Analysis with Boundary Elements	否	是	28%	2.138	SCI	6.00
8	107/06	Quaternion boundary element method for coupled exterior and interior magnetostatic fields	IEEE Transactions on Magnetics	否	是	61%	1.467	SCI	4.00
9	106/12	Analytical derivation and numerical experiment of degenerate scale by using the degenerate kernel of the bipolar coordinates.	Engineering Analysis with Boundary Elements	是	是	30%	1.721	SCI	6.00
10	106/08	Revisit of degenerate scales in the BIEM/BEM for 2D elasticity problems	Mechanics of Advanced Materials and Structures	是	是	42%	1.016	SCI	4.00
11	106/06	Degenerate-scale problem of the boundary integral equation method/boundary element method for the plate analysis	Engineering Computation	是	是	61%	1.406	SCI	4.00
12	106/03	Why dual BEM is necessary ?	Engineering Analysis with Boundary Elements	是	是	30%	1.721	SCI	6.00
13	106/02	A self-regularized approach for rank-deficient systems in the BEM of 2D Laplace problems	Inverse Problems in Science and Engineering	是	是	59%	1.033	SCI	4.00
14	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
15	105/09	Focusing phenomenon and near-trapped modes of SH waves	Earthquake Engineering and Engineering Vibration	是	是	63%	.814	SCI	4.00
16	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
17	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
18	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

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19	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
20	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
21	104/10	Revisit of the dual BEM using SVD updating technique	Journal of Mechanics	是	是	87%	.580	SCI	4.00
22	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
23	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
24	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
25	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
26	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
27	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
28	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
29	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
30	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
31	103/01	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	56%	.800	SCI	4.00
32	103/01	Singular boundary method: three regularization approaches and exterior wave applications	CMES	否	否	44%	1.030	SCI	0.80
33	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
34	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
35	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
36	102/03	On the true and spurious eigenvalues by using the real or imaginary part- of the method of fundamental solution	International Journal Computational Methods	否	是	68%	.481	SCI	4.00

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37	102/02	BEM analysis of thin structures for therrmoelastic problems	Engineering Analysis with Boundary Elements	否	否	19%	1.596	SCI	1.20
38	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
39	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
40	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
41	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