## **CONTENTS Volume 39**

## no. 417

S.Y. Kim and A.K. Lewkowicz, 'Computation of the Surface	
Roughness Effects on a Slender Ship-Hull'	5-18
E. Nikolaidis and P. Kaplan, 'Uncertainties in Stress Analyses	
on Marine Structures' — Part I	19-53
Q.Y. Gui, J.M. Chuang and C.C. Hsiung, 'A Discussion on	
Irregularities which occur in Computation of Ship Manoeuvring	
in a Restricted Waterway using the Numerical Conformal	
Mapping Method'	55-67
A. Millward, 'A Comparison of the Theoretical and Empirical	
Prediction of Squat in Shallow Water'	69-78
Wen-Jeng Hsueh and Ya-Jung Lee, 'Active Vibration Control	
on the Mast of Warships'	79-94
no. 418	
E. Nikolaidis and P. Kaplan, 'Uncertainties in Stress Analyses	
on Marine Structures' — Part II	99-133
C. Guedes Soares and M.F.S. Trovão, 'Sensitivity of Ship Motion	
Predictions to Wave Climate Descriptions'	135-155
Jacek Gajek, 'Servomechanisms of Controllable Pitch Propellers'	157-175
A.S. Hyde and P.A. Wilson, 'Time Domain Calculation of the	
Motion of a Horizontal Cylinder'	177-193
A.S. Hyde and P.A. Wilson, 'The Effect of Ramp Functions on	
the Theoretical Time Response of a Body Subjected to a	

## no. 419

Dear Readers and Authors	213
F.A. Papoulias and S.R. Chism, 'Path Keeping of Autonomous	
Underwater Vehicles Using Sliding Mode Control'	215-246
J.R. Spouge, 'A Technique for Estimating the Accuracy of	
Experimental Roll Damping Measurements'	247-265
A. Tang and P.A. Wilson, 'Ship Stabilization Using Lateral	
Force Estimator'	267-278
N. Krstajić, V.D. Jović, B. Bilen, and Z. Nikolić, 'An Attempt	
for Providing Simultaneous Cathodic Protection and Anti-	
fouling of Ships in Sea Water'	279-285
H.S. Chan, 'Dynamic Structural Responses of a Mono-hull	
Vessel to Regular Waves'	287-315
A. Millward, 'A Comparison of the Theoretical and Empirical	
Prediction of SQUAT in Shallow Water (Rectification)	317
no. 420	
M.R. Haddara and D. Cumming, 'Experimental Investigation into	
the Physics of Roll Damping of a Long Slender Hull Form'	323-343
Jianbo Hua, 'A Study of the Parametrically Excited Roll Motion	
of A RoRo-Ship in Following and Heading Waves'	345-366
L.J.M. Adegeest, 'Linear and Nonlinear Hydrodynamic Forces	
Acting on a Segmented Heaving Wigley Model'	367-389
G. Deliporanides, 'Finite Element Shaft Alignment on Elastic	
Foundation'	391-397
D. Radev and W. Beukelman, 'Slamming on Forced Oscillating	
Wedges at Forward Speed', Part I — Test Results	399-422
J.J.W. Nibbering, 'Structural Safety and Fatigue of Ships'	423-435