

[View Table of Contents as PDF](#) [View Cover](#) [Forward TOC](#)[Previous Issue](#)[Next Issue](#)[Select All](#) | [Deselect All](#)

Sort by... ▼

[View Selected Abstracts](#)[Save to My Saved Articles](#)[Export Citation \(s\)](#)[Download PDF](#)

Research Articles

[A Brief History of Global Navigation Satellite Systems](#)[preview](#)

Norman Bonnor

[Journal of Navigation](#) / Volume 65 / Issue 01 / 一月 2012, pp 1 - 14

Copyright © The Royal Institute of Navigation 2011

DOI: <http://dx.doi.org/10.1017/S0373463311000506> (About DOI), Published online: 25 十一月 2011[Abstract](#)[PDF](#)
(183 KB)[HTML](#)
(166 KB)[Request Permissions](#)[Using Constraints for Shoe Mounted Indoor Pedestrian Navigation](#)[preview](#)

Khairi Abdulrahim, Chris Hide, Terry Moore and Chris Hill

[Journal of Navigation](#) / Volume 65 / Issue 01 / 一月 2012, pp 15 - 28

Copyright © The Royal Institute of Navigation 2011

DOI: <http://dx.doi.org/10.1017/S0373463311000518> (About DOI), Published online: 25 十一月 2011[Abstract](#)[PDF](#)
(850 KB)[HTML](#)
(2.279 MB)[Request Permissions](#)[GIOVE Satellites Pseudorange Error Assessment](#)[preview](#)

Antonio Angrisano, Salvatore Gaglione, Ciro Gioia, Umberto Robustelli and Mario Vultaggio

[Journal of Navigation](#) / Volume 65 / Issue 01 / 一月 2012, pp 29 - 40

Copyright © The Royal Institute of Navigation 2011

DOI: <http://dx.doi.org/10.1017/S0373463311000270> (About DOI), Published online: 25 十一月 2011[Abstract](#)[PDF](#)
(554 KB)[HTML](#)
(918 KB)[Request Permissions](#)

Integrity Monitoring for Carrier Phase Ambiguities

[preview](#)

Shaojun Feng, Washington Ochieng, Jaron Samson, Michel Tossaint, Manuel Hernandez-Pajares, J. Miguel Juan, Jaime Sanz, Àngela Aragón-Àngel, Pere Ramos-Bosch and Marti Jofre

[Journal of Navigation](#) / Volume 65 / Issue 01 / 一月 2012, pp 41 - 58

Copyright © The Royal Institute of Navigation 2011

DOI: <http://dx.doi.org/10.1017/S037346331100052X> (About DOI), Published online: 25 十一月 2011

Abstract	PDF (731 KB)	HTML (1.885 MB)	Request Permissions
--------------------------	---------------------------------	------------------------------------	-------------------------------------

On Modelling of Second-Order Ionospheric Delay for GPS Precise Point Positioning

[preview](#)

Mohamed Elsobeiey and Ahmed El-Rabbany

[Journal of Navigation](#) / Volume 65 / Issue 01 / 一月 2012, pp 59 - 72

Copyright © The Royal Institute of Navigation 2011

DOI: <http://dx.doi.org/10.1017/S0373463311000531> (About DOI), Published online: 25 十一月 2011

Abstract	PDF (687 KB)	HTML (1.088 MB)	Request Permissions
--------------------------	---------------------------------	------------------------------------	-------------------------------------

Bit Sign Transition Cancellation Method for GNSS Signal Acquisition

[preview](#)

Kewen Sun and Letizia Lo Presti

[Journal of Navigation](#) / Volume 65 / Issue 01 / 一月 2012, pp 73 - 97

Copyright © The Royal Institute of Navigation 2011

DOI: <http://dx.doi.org/10.1017/S0373463311000543> (About DOI), Published online: 25 十一月 2011

Abstract	PDF (1.446 MB)	HTML (2.682 MB)	Request Permissions
--------------------------	-----------------------------------	------------------------------------	-------------------------------------

A Study on Local Traffic Management to Improve Marine Traffic Safety in the Istanbul Strait

[preview](#)

Y. Volkan Aydogdu, Cemil Yurtoren, Jin-Soo Park and Young-Soo Park

[Journal of Navigation](#) / Volume 65 / Issue 01 / 一月 2012, pp 99 - 112

Copyright © The Royal Institute of Navigation 2011

DOI: <http://dx.doi.org/10.1017/S0373463311000555> (About DOI), Published online: 25 十一月 2011

Abstract	PDF (1.106 MB)	HTML (2.106 MB)	Request Permissions
--------------------------	-----------------------------------	------------------------------------	-------------------------------------

A Dual-IMU/GPS based Geolocation System

[preview](#)

Jong Ki Lee and Christopher Jekeli

[Journal of Navigation](#) / Volume 65 / Issue 01 / 一月 2012, pp 113 - 123

Copyright © The Royal Institute of Navigation 2011

DOI: <http://dx.doi.org/10.1017/S0373463311000567> (About DOI), Published online: 25 十一月 2011

[Abstract](#)

PDF
(613 KB)

HTML
(1.091 MB)

[Request Permissions](#)

Towards a Multi Objective Path Optimisation for Car Navigation

[preview](#)

Ching-Sheng Chiu and Chris Rizos

[Journal of Navigation](#) / Volume 65 / Issue 01 / 一月 2012, pp 125 - 144

Copyright © The Royal Institute of Navigation 2011

DOI: <http://dx.doi.org/10.1017/S0373463311000579> (About DOI), Published online: 25 十一月 2011

[Abstract](#)

PDF
(1.077 MB)

HTML
(1.871 MB)

[Request Permissions](#)

Numerical Simulations on the Motions of Anchored Capesize Ships

[preview](#)

Youjia Zou, Chun Shen and Xiangying Xi

[Journal of Navigation](#) / Volume 65 / Issue 01 / 一月 2012, pp 145 - 158

Copyright © The Royal Institute of Navigation 2011

DOI: <http://dx.doi.org/10.1017/S0373463311000580> (About DOI), Published online: 25 十一月 2011

[Abstract](#)

PDF
(515 KB)

HTML
(745 KB)

[Request Permissions](#)

Technique for Initialization and Synchronous Setting of Space Vehicle Time with Navigation System Time

[preview](#)

Parimal Majithiya, Kriti Khatri and J. K. Hota

[Journal of Navigation](#) / Volume 65 / Issue 01 / 一月 2012, pp 159 - 168

Copyright © The Royal Institute of Navigation 2011

DOI: <http://dx.doi.org/10.1017/S0373463311000592> (About DOI), Published online: 25 十一月 2011

[Abstract](#)

PDF
(558 KB)

HTML
(1.066 MB)

[Request Permissions](#)

[preview](#)

Assessment of Aided-INS Performance

Itzik Klein, Sagi Filin, Tomer Toledo and Ilan Rusnak

[Journal of Navigation](#) / Volume 65 / Issue 01 / 一月 2012, pp 169 - 185

Copyright © The Royal Institute of Navigation 2011

DOI: <http://dx.doi.org/10.1017/S0373463311000609> (About DOI), Published online: 25 十一月 2011[Abstract](#)[PDF](#)
(885 KB)[HTML](#)
(1.221 MB)[Request Permissions](#)

Front Cover (OFC, IFC) and matter



NAV volume 65 issue 1 Cover and Front matter

[preview](#)[Journal of Navigation](#) / Volume 65 / Issue 01 / 一月 2012, pp f1 - f2

Copyright © The Royal Institute of Navigation 2011

DOI: <http://dx.doi.org/10.1017/S0373463311000622> (About DOI), Published online: 25 十一月 2011[PDF](#)
(123 KB)[Request Permissions](#)

Back Cover (IBC, OBC) and matter



NAV volume 65 issue 1 Cover and Back matter

[preview](#)[Journal of Navigation](#) / Volume 65 / Issue 01 / 一月 2012, pp b1 - b6

Copyright © The Royal Institute of Navigation 2011

DOI: <http://dx.doi.org/10.1017/S0373463311000634> (About DOI), Published online: 25 十一月 2011[PDF](#)
(167 KB)[Request Permissions](#)[View Selected Abstracts](#)[Save to My Saved Articles](#)[Export Citation \(s\)](#)[Download PDF](#)