Scientific and technical journal  
"Гироскопия и навигация" (Gyroskopiya i Navigatsiya)

(ISSN 2075-0927 - Online, ISSN 0869-7035 - Print)

Editor-in-chief: academician of RAS [V.G. Peshekhonov](http://www.elektropribor.spb.ru/home/ehead)

|  |  |
| --- | --- |
|  | "Giroskopiya i Navigatsiya" №3, 2014 |
|  | CONTENTS   |  |  | | --- | --- | | *T. Farah, C. Guerlin, A. Landragin, Ph. Bouyer, S. Gaffet, F. Pereira Dos Santos, S. Merlet* Underground operation at best sensitivity of the mobile LNE-SYRTE cold atom gravimeter  [abstract](http://www.elektropribor.spb.ru/publ/n3_2014#01) | 3 | | *G.I. Emeliantsev, Yu.A. Litmanovich, N.N. Moshkin* Improving informational autonomy of marine SINS  [abstract](http://www.elektropribor.spb.ru/publ/n3_2014#02) | 15 | | *B.V. Klimkovich* SINS calibration in inertial mode. Combination of speed and scalar methods  [abstract](http://www.elektropribor.spb.ru/publ/n3_2014#03) | 29 | | *D. Kalantarov, C. Search* Sensitivity limits of coupled resonator optical waveguide gyroscopes when subject to material losses  [abstract](http://www.elektropribor.spb.ru/publ/n3_2014#04) | 41 | | *A.M. Lestev* On combination resonances in dynamics of micromechanical gyroscopes  [abstract](http://www.elektropribor.spb.ru/publ/n3_2014#05) | 53 | | *L.A. Severov, V.K. Ponomarev, A.I. Panferov, N.A. Ovchinnikova* The structure and characteristics of a vibratory micromechanical rate sensor with the ring re-sonator  [abstract](http://www.elektropribor.spb.ru/publ/n3_2014#06) | 59 | | *A.I. Skalon* Performance estimation of micromechanical inertial sensors based on self-oscillating systems  [abstract](http://www.elektropribor.spb.ru/publ/n3_2014#07) | 73 | | *I.G. Deineka, A.A. Makarenko, M.V. Mekhrengin, D.A. Egorov* The use of digital filters for processing of fiber-optic gyroscope output data  [abstract](http://www.elektropribor.spb.ru/publ/n3_2014#08) | 84 | | *V.N. Khruslov, S.V. Feofilov, O.V. Goryachev, I.M. Lavit, A.F. Indiukhin* A method for the missile control by a scalar radius in the polar coordinate system  [abstract](http://www.elektropribor.spb.ru/publ/n3_2014#09) | 92 |   **Information**   |  | | --- | |  |  |  |  | | --- | --- | | Russian and international conferences, symposia and exhibitions | 103 | | *Abstracts of the published papers* | 109 | |