

2012

- [1] M. Abd El-Gelil, S. Pagiatakis, and A. El-Rabbany. On the potential of least squares response method for the calibration of superconducting gravimeters. *International Journal of Geophysics*, 2012:741729, 2012. doi:10.1155/2012/741729.
- [2] M. Abe, C. Kroner, C. Foerste, S. Petrovic, F. Barthelmes, A. Weise, A. Guentner, B. Creutzfeldt, T. Jahr, G. Jentzsch, H. Wilmes, and H. Wziontek. A comparison of grace-derived temporal gravity variations with observations of six european superconducting gravimeters. *GEOPHYSICAL JOURNAL INTERNATIONAL*, 191(2):545–556, NOV 2012. doi:10.1111/j.1365-246X.2012.05641.x.
- [3] D. C. Agnew. Spotl: Some programs for ocean-tide loading. Sio technical report, Scripps Institution of Oceanography, 2012. <http://escholarship.org/uc/item/954322pg>.
- [4] A. Amoruso, V. Botta, and L. Crescentini. Free core resonance parameters from strain data: sensitivity analysis and results from the gran sasso (italy) extensometers. *GEOPHYSICAL JOURNAL INTERNATIONAL*, 189(2):923–936, MAY 2012. doi:10.1111/j.1365-246X.2012.05440.x.
- [5] B. R. Arora, Gautam Rawat, Naresh Kumar, and V. M. Choubey. Multi-parameter geophysical observatory: gateway to integrated earthquake precursory research. *CURRENT SCIENCE*, 103(11):1286–1299, DEC 2012.
- [6] A. Coyette, T. Van Hoolst, and V. Dehant. Period of the slichter mode of mercury and its possible observation. *ASTRONOMY & ASTROPHYSICS*, 543, JUL 2012. doi:10.1051/0004-6361/201218891.
- [7] B. Creutzfeldt, T. Ferre, P. Troch, B. Merz, H. Wziontek, and A. Guentner. Total water storage dynamics in response to climate variability and extremes: Inference from long-term terrestrial gravity measurement. *JOURNAL OF GEOPHYSICAL RESEARCH-ATMOSPHERES*, 117, APR 2012. doi:10.1029/2011JD016472.
- [8] D. Crossley, C. de Linage, J. Hinderer, J.-P. Boy, and J. Famiglietti. A comparison of the gravity field over central europe from superconducting gravimeters, grace and global hydrological models, using eof analysis. *GEOPHYSICAL JOURNAL INTERNATIONAL*, 189(2):877–897, MAY 2012. doi:10.1111/j.1365-246X.2012.05404.x.
- [9] X.-M. Cui, H.-P. Sun, J. Q. Xu, and J. C. Zhou. Application of superconductive gravity technique on the constraints of core-mantle coupling parameters. *SCIENCE CHINA-EARTH SCIENCES*, 55(3):513–520, MAR 2012. doi:10.1007/s11430-011-4346-3.
- [10] B. Ducarme. Determination of the main lunar waves generated by the third degree tidal potential and validity of the corresponding body tides models. *JOURNAL OF GEODESY*, 86(1):65–75, JAN 2012. doi:10.1007/s00190-011-0492-9.
- [11] J. Hinderer, J. Pfeffer, M. Boucher, S. Nahmani, C. De Linage, J.-P. Boy, P. Genthon, L. Seguis, G. Favreau, O. Bock, M. Descloitres, and GHYRAF Team. Land water storage changes from ground and space geodesy: First results from the ghyraf (gravity and hydrology in africa) experiment. *PURE AND APPLIED GEOPHYSICS*, 169(8):1391–1410, AUG 2012. doi:10.1007/s00024-011-0417-9.
- [12] H. Ikeda, Y. Aoyama, H. Hayakawa, K. Doi, and K. Shibuya. Great earthquake east japan observation by superconducting gravimeter in antarctica. *CRYOGENICS*, 52(12, SI):704–707, DEC 2012.

6th Asian Conference on Applied Superconductivity and Cryogenics (ACASC), Delhi, INDIA, NOV 16-18, 2011. doi:10.1016/j.cryogenics.2012.08.002.

- [13] U. Kallio and M. Poutanen. Can we really promise a mm-accuracy for the local ties on a geo-vlbi antenna. In S. C. Kenyon, M. C. Pacino, and U. J. Marti, editors, *GEODESY FOR PLANET EARTH: PROCEEDINGS OF THE 2009 IAG SYMPOSIUM*, volume 136 of *International Association of Geodesy Symposia*, pages 35–42. Int Assoc Geodesy (IAG), 2012. Scientific Assembly of the International-Association-of-Geodesy (IAG) - Geodesy for Planet Earth, Buenos Aires, ARGENTINA, AUG 31-SEP 04, 2009. doi:10.1007/978-3-642-20338-1\5.
- [14] T. Kazama, Y. Tamura, K. Asari, S. Manabe, and S. Okubo. Gravity changes associated with variations in local land-water distributions: Observations and hydrological modeling at isawa fan, northern japan. *EARTH PLANETS AND SPACE*, 64(4):309–331, 2012. doi:10.5047/eps.2011.11.003.
- [15] C. Kroner, S. Werth, H. Pflug, A. Guentner, B. Creutzfeldt, M. Thomas, H. Dobslaw, P. Fourie, and P. H. Charles. Signals of mass redistribution at the south african gravimeter site sagos. In S. C. Kenyon, M. C. Pacino, and U. J. Marti, editors, *GEODESY FOR PLANET EARTH: PROCEEDINGS OF THE 2009 IAG SYMPOSIUM*, volume 136 of *International Association of Geodesy Symposia*, pages 305–313. Int Assoc Geodesy (IAG), 2012. Scientific Assembly of the International-Association-of-Geodesy (IAG) - Geodesy for Planet Earth, Buenos Aires, ARGENTINA, AUG 31-SEP 04, 2009. doi:10.1007/978-3-642-20338-1\37.
- [16] S. C. Lan, T. T. Yu, C. Hwang, and R. Kao. Co-seismic gravity change of m-w 7.9 wenchuan earthquake and pre-seismic gravity anomaly detection by superconducting gravimeter at hsinchu, taiwan, from april to june 2008. In N Sneeuw, P Novak, M Crespi, and F Sanso, editors, *VII HOTINE-MARUSSI SYMPOSIUM ON MATHEMATICAL GEODESY*, volume 137 of *International Association of Geodesy Symposia*. Federazione delle Assoc Scientifiche per Informazioni Territoriali Ambientali (ASITA); Agenzia Spaziale Italiana (ASI); European Space Agcy (ESA), 2012. 7th Hotine-Marussi Symposium on Mathematical Geodesy, Sapienza Univ Rome, Fac Engn, Rome, ITALY, JUN 06-10, 2009. doi:10.1007/978-3-642-22078-4\53.
- [17] B. Meurers. Superconducting gravimeter calibration by colocated gravity observations: Results from gwr c025. *International Journal of Geophysics*, 2012:954271, 2012. doi:10.1155/2012/954271.
- [18] M. Naujoks, S. Eisner, C. Kroner, A. Weise, P. Krause, and T. Jahr. Local hydrological information in gravity time series: Application and reduction. In S. C. Kenyon, M. C. Pacino, and U. J. Marti, editors, *GEODESY FOR PLANET EARTH: PROCEEDINGS OF THE 2009 IAG SYMPOSIUM*, volume 136 of *International Association of Geodesy Symposia*, pages 297–304. Int Assoc Geodesy (IAG), 2012. Scientific Assembly of the International-Association-of-Geodesy (IAG) - Geodesy for Planet Earth, Buenos Aires, ARGENTINA, AUG 31-SEP 04, 2009. doi:10.1007/978-3-642-20338-1\36.
- [19] G. Papp, E. Szucs, and L. Battha. Preliminary analysis of the connection between ocean dynamics and the noise of gravity tide observed at the sopronbanfalva geodynamical observatory, hungary. *JOURNAL OF GEODYNAMICS*, 61:47–56, OCT 2012. doi:10.1016/j.jog.2012.07.004.
- [20] U. Riccardi, S. Rosat, and J. Hinderer. On the accuracy of the calibration of superconducting gravimeters using absolute and spring sensors: a critical comparison. *PURE AND APPLIED GEOPHYSICS*, 169(8):1343–1356, AUG 2012. doi:10.1007/s00024-011-0398-8.

- [21] S. Rosat and Y. Rogister. Excitation of the slichter mode by collision with a meteoroid or pressure variations at the surface and core boundaries. *PHYSICS OF THE EARTH AND PLANETARY INTERIORS*, 190:25–33, JAN 2012. doi:10.1016/j.pepi.2011.10.007.
- [22] S. Rosat, T. Sato, Y. Imanishi, J. Hinderer, Y. Tamura, H. McQueen, and M. Ohashi. High-resolution analysis of the gravest seismic normal modes after the 2004 m-w = 9 sumatra earthquake using superconducting gravimeter data (vol 32, 113304, 2005). *GEOPHYSICAL RESEARCH LETTERS*, 39, NOV 2012. doi:10.1029/2012GL054248.
- [23] W.-B. Shen and B. Wu. A case study of detecting the triplet of 3s1 using superconducting gravimeter records with an alternative data preprocessing technique. *ANNALS OF GEOPHYSICS*, 55(2):293–300, 2012. doi:10.4401/ag-4944.
- [24] J. Wei, H. Li, Z.-W. Liu, K.-X. Kang, and H.-T. Hao. Observation of superconducting gravimeter at jiufeng seismic station. *CHINESE JOURNAL OF GEOPHYSICS-CHINESE EDITION*, 55(6):1894–1902, JUN 2012. doi:10.6038/j.issn.0001-5733.2012.06.010.
- [25] A. Weise, C. Kroner, M. Abe, B. Creutzfeldt, C. Foerste, A. Guentner, J. Ihde, T. Jahr, G. Jentzsch, H. Wilmes, H. Wziontek, and S. Petrovic. Tackling mass redistribution phenomena by time-dependent grace- and terrestrial gravity observations. *JOURNAL OF GEODYNAMICS*, 59-60(SI):82–91, SEP 2012. doi:10.1016/j.jog.2011.11.003.
- [26] C. R. Wilson, B. Scanlon, J. Sharp, L. Longuevergne, and H. Wu. Field test of the superconducting gravimeter as a hydrologic sensor. *GROUND WATER*, 50(3):442–449, MAY-JUN 2012. doi:10.1111/j.1745-6584.2011.00864.x.
- [27] C. R. Wilson, H. Wu, L. Longuevergne, B. Scanlon, and J. Sharp. The superconducting gravimeter as a field instrument applied to hydrology. In S. C. Kenyon, M. C. Pacino, and U. J. Marti, editors, *GEODESY FOR PLANET EARTH: PROCEEDINGS OF THE 2009 IAG SYMPOSIUM*, volume 136 of *International Association of Geodesy Symposia*, pages 291–295. Int Assoc Geodesy (IAG), 2012. Scientific Assembly of the International-Association-of-Geodesy (IAG) - Geodesy for Planet Earth, Buenos Aires, ARGENTINA, AUG 31-SEP 04, 2009. doi:10.1007/978-3-642-20338-1_35.
- [28] J. Q. Xu, X. D. Chen, J. C. Zhou, and H.-P. Sun. Characteristics of tidal gravity changes in lhasa, tibet, china. *CHINESE SCIENCE BULLETIN*, 57(20):2586–2594, JUL 2012. doi:10.1007/s11434-012-5130-2.
- [29] E. Zabranova, C. Matyska, and L. Hanyk. Tests of the 2011 tohoku earthquake source models using free-oscillation data from gope. *STUDIA GEOPHYSICA ET GEODAETICA*, 56(2):585–594, APR 2012. doi:10.1007/s11200-011-9033-5.
- [30] E. Zabranova, C. Matyska, L. Hanyk, and V. Palinkas. Constraints on the centroid moment tensors of the 2010 maule and 2011 tohoku earthquakes from radial modes. *GEOPHYSICAL RESEARCH LETTERS*, 39, SEP 21 2012. doi:10.1029/2012GL052850.