

2006

- [1] M. Abd El-Gelil, S. Pagiatakis, and A. El-Rabbany. Pressure admittance function from least squares product spectrum of surface gravity and pressure. *Bulletin d'Information des Marées Terrestres*, 142:11305–11314, 2006.
- [2] M. Abe, S. Takemoto, Y. Fukuda, T. Higashi, Y. Imanishi, S. Iwano, S. Ogasawara, Y. Kobayashi, A. Dwipa, and D. S. Kusuma. Hydrological effects on the superconducting gravimeter observation in bandung. *JOURNAL OF GEODYNAMICS*, 41(1-3):288–295, JAN-APR 2006. 15th International Symposium on Earth Tides, Ottawa, CANADA, AUG 02-06, 2004. doi:10.1016/j.jog.2005.08.030.
- [3] A. Amalvict, J. Hinderer, and S. Rozsa. Crustal vertical motion along a profile crossing the rhine graben from the vosges to the black forest mountains: Results from absolute gravity, gps and levelling observations. *JOURNAL OF GEODYNAMICS*, 41(1-3):358–368, JAN-APR 2006. 15th International Symposium on Earth Tides, Ottawa, CANADA, AUG 02-06, 2004. doi:10.1016/j.jog.2005.08.036.
- [4] J. Arnos, M. Benavent, B. Ducarme, and F.G. Montesinos. A new ocean tide loading model in the canary islands region. *Journal of Geodynamics*, 41(1-3):100–111, 2006. doi:10.1016/j.jog.2005.08.034.
- [5] G. Berrino, G. Corrado, and U. Riccardi. On the capability of recording gravity stations to detect signals coming from volcanic activity: The case of vesuvius. *JOURNAL OF VOLCANOLOGY AND GEOTHERMAL RESEARCH*, 150(1-3):270–282, FEB 2006. doi:10.1016/j.jvolgeores.2005.07.015.
- [6] J.-P. Boy and J. Hinderer. Study of the seasonal gravity signal in superconducting gravimeter data. *JOURNAL OF GEODYNAMICS*, 41(1-3):227–233, JAN-APR 2006. 15th International Symposium on Earth Tides, Ottawa, CANADA, AUG 02-06, 2004. doi:10.1016/j.jog.2005.08.035.
- [7] J.-P. Boy, M. Llubes, R. Ray, J. Hinderer, and N. Florsch. Validation of long-period oceanic tidal models with superconducting gravimeters. *JOURNAL OF GEODYNAMICS*, 41(1-3):112–118, JAN-APR 2006. 15th International Symposium on Earth Tides, Ottawa, CANADA, AUG 02-06, 2004. doi:10.1016/j.jog.2005.08.026.
- [8] J.-P. Boy, R. Ray, and J. Hinderer. Diurnal atmospheric tide and induced gravity variations. *JOURNAL OF GEODYNAMICS*, 41(1-3):253–258, JAN-APR 2006. 15th International Symposium on Earth Tides, Ottawa, CANADA, AUG 02-06, 2004. doi:10.1016/j.jog.2005.10.010.
- [9] M. Bursa, E. Groten, and Z. Sima. Coriolis' force in the earth's solid tidal dynamics. *STUDIA GEOPHYSICA ET GEODAETICA*, 50(2):181–188, APR 2006. doi:10.1007/s11200-006-0011-2.
- [10] B. Ducarme, A. P. Venedikov, J. Arnos, X. D. Chen, H.-P. Sun, and R. Vieira. Global analysis of the ggp superconducting gravimeters network for the estimation of the pole tide gravimetric amplitude factor. *JOURNAL OF GEODYNAMICS*, 41(1-3):334–344, JAN-APR 2006. 15th International Symposium on Earth Tides, Ottawa, CANADA, AUG 02-06, 2004. doi:10.1016/j.jog.2005.08.007.
- [11] B. Ducarme, A.P. Venedikov, J. Arnos, and R. Vieira. Analysis and prediction of ocean tides by the computer program vav. *Journal of Geodynamics*, 41(1-3):119–127, 2006. doi:10.1016/j.jog.2005.08.001.

- [12] A. M. G. Ferreira, N. F. d'Oreye, J. H. Woodhouse, and W. Zürn. Comparison of fluid tilt-meter data with long-period seismograms: Surface waves and earth's free oscillations. *Journal of Geophysical Research: Solid Earth*, 111(B11), 2006. B11307. doi:10.1029/2006JB004311.
- [13] J. Y. Guo, O. Dierks, J. Neumeier, and C. K. Shum. Weighting algorithms to stack superconducting gravimeter data for the potential detection of the slichter modes. *JOURNAL OF GEODYNAMICS*, 41(1-3):326–333, JAN-APR 2006. 15th International Symposium on Earth Tides, Ottawa, CANADA, AUG 02-06, 2004. doi:10.1016/j.jog.2005.08.014.
- [14] G. Harnisch and M. Harnisch. Hydrological influences in long gravimetric data series. *JOURNAL OF GEODYNAMICS*, 41(1-3):276–287, JAN-APR 2006. 15th International Symposium on Earth Tides, Ottawa, CANADA, AUG 02-06, 2004. doi:10.1016/j.jog.2005.08.018.
- [15] M. Harnisch and G. Harnisch. Study of long-term gravity variations, based on data of the ggp cooperation. *JOURNAL OF GEODYNAMICS*, 41(1-3):318–325, JAN-APR 2006. 15th International Symposium on Earth Tides, Ottawa, CANADA, AUG 02-06, 2004. doi:10.1016/j.jog.2005.08.006.
- [16] S. Hasan, P. A. Troch, J. Boll, and C. Kroner. Modeling the hydrological effect on local gravity at moxa, germany. *JOURNAL OF HYDROMETEOROLOGY*, 7(3):346–354, JUN 2006. 2nd international Workshop on Catchment-Scale Hydrological Modeling and Data Assimilation, Princeton Univ, Princeton, NJ, OCT 25-27, 2004. doi:10.1175/JHM488.1.
- [17] J. Hinderer, O. B. Andersen, F. G. Lemoine, D. Crossley, and J.-P. Boy. Seasonal changes in the european gravity field from grace: A comparison with superconducting gravimeters and hydrology model predictions. *JOURNAL OF GEODYNAMICS*, 41(1-3):59–68, JAN-APR 2006. 15th International Symposium on Earth Tides, Ottawa, CANADA, AUG 02-06, 2004. doi:10.1016/j.jog.2005.08.037.
- [18] T. Hokkanen, K. Korhonen, and H. Virtanen. Hydrogeological effects on superconducting gravimeter measurements at metsahovi in finland. *JOURNAL OF ENVIRONMENTAL AND ENGINEERING GEOPHYSICS*, 11(4):261–267, DEC 2006. doi:10.2113/JEEG11.4.261.
- [19] X. Hu, L. Liu, H.-P. Sun, H. Xu, J. Hinderer, and Ke X. Wavelet filter analysis of splitting and coupling of seismic normal modes below 1.5 mhz with superconducting gravimeter records after the december 26, 2004 sumatra earthquake. *SCIENCE IN CHINA SERIES D-EARTH SCIENCES*, 49(12):1259–1269, DEC 2006. doi:10.1007/s11430-006-1259-7.
- [20] X.-G. Hu, L. T. Liu, B. Ducarme, H. T. Hsu, and H.-P. Sun. Wavelet filter analysis of local atmospheric pressure effects in the long-period tidal bands. *PHYSICS OF THE EARTH AND PLANETARY INTERIORS*, 159(1-2):59–70, NOV 2006. doi:10.1016/j.pepi.2006.06.001.
- [21] X. G. Hu, L. T. Liu, J. Hinderer, H. T. Hsu, and H.-P. Sun. Wavelet filter analysis of atmospheric pressure effects in the long-period seismic mode band. *PHYSICS OF THE EARTH AND PLANETARY INTERIORS*, 154(1):70–84, JAN 2006. doi:10.1016/j.pepi.2005.09.003.
- [22] Y. Imanishi, K. Kokubo, and H. Tatehata. Effect of underground water on gravity observation matsushiro, japan. *JOURNAL OF GEODYNAMICS*, 41(1-3):221–226, JAN-APR 2006. 15th International Symposium on Earth Tides, Ottawa, CANADA, AUG 02-06, 2004. doi:10.1016/j.jog.2005.08.031.
- [23] L. Iorio. On the impossibility of measuring the general relativistic part of the terrestrial acceleration of gravity with superconducting gravimeters. *GEOPHYSICAL JOURNAL INTERNATIONAL*, 167(2):567–569, NOV 2006. doi:10.1111/j.1365-246X.2006.03164.x.

- [24] C. Kroner and T. Jahr. Hydrological experiments around the superconducting gravimeter at moxa observatory. *JOURNAL OF GEODYNAMICS*, 41(1-3):268–275, JAN-APR 2006. 15th International Symposium on Earth Tides, Ottawa, CANADA, AUG 02-06, 2004. doi:10.1016/j.jog.2005.08.012.
- [25] A. Lambert, N. Courtier, and T. S. James. Long-term monitoring by absolute gravimetry: Tides to postglacial rebound. *JOURNAL OF GEODYNAMICS*, 41(1-3):307–317, JAN-APR 2006. 15th International Symposium on Earth Tides, Ottawa, CANADA, AUG 02-06, 2004. doi:10.1016/j.jog.2005.08.032.
- [26] S. Lambotte, L. Rivera, and J. Hinderer. Rupture length and duration of the 2004 aceh-sumatra earthquake from the phases of the earth’s gravest free oscillations. *GEOPHYSICAL RESEARCH LETTERS*, 33(3), FEB 2006. doi:10.1029/2005GL024090.
- [27] S. Lambotte, L. Rivera, and J. Hinderer. Vertical and horizontal seismometric observations of tides. *JOURNAL OF GEODYNAMICS*, 41(1-3):39–58, JAN-APR 2006. 15th International Symposium on Earth Tides, Ottawa, CANADA, AUG 02-06, 2004. doi:10.1016/j.jog.2005.08.021.
- [28] J. Neumeyer, F. Barthelmes, O. Dierks, F. Flechtner, M. Harnisch, G. Harnisch, J. Hinderer, Y. Imanishi, C. Kroner, B. Meurers, S. Petrovic, C. Reigber, R. Schmidt, P. Schwintzer, H.-P. Sun, and H. Virtanen. Combination of temporal gravity variations resulting from superconducting gravimeter (sg) recordings, grace satellite observations and global hydrology models. *JOURNAL OF GEODESY*, 79(10-11):573–585, FEB 2006. doi:10.1007/s00190-005-0014-8.
- [29] J. Neumeyer, F. Barthelmes, O. Dierks, H. Pflug, and P. Fourie. High precision gravity measurements with the dual sphere superconducting gravimeter in sutherland (south africa). *SOUTH AFRICAN JOURNAL OF GEOLOGY*, 109(4):515–520, DEC 2006. doi:10.2113/gssajg.109.4.515.
- [30] J. Nicolas, J.-M. Nocquet, M. Van Camp, T. van Dam, J.-P. Boy, J. Hinderer, P. Gegout, E. Calais, and M. Amalvict. Seasonal effect on vertical positioning by satellite laser ranging and global positioning system and on absolute gravity at the oca geodetic station, grasse, france. *GEOPHYSICAL JOURNAL INTERNATIONAL*, 167(3):1127–1137, DEC 2006. doi:10.1111/j.1365-246X.2006.03205.x.
- [31] S. Rosat, Y. Rogister, D. Crossley, and J. Hinderer. A search for the slichter triplet with superconducting gravimeters: Impact of the density jump at the inner core boundary. *JOURNAL OF GEODYNAMICS*, 41(1-3):296–306, JAN-APR 2006. 15th International Symposium on Earth Tides, Ottawa, CANADA, AUG 02-06, 2004. doi:10.1016/j.jog.2005.08.033.
- [32] G. Roult, S. Rosat, E. Clevede, R. Millot-Langet, and J. Hinderer. New determinations of q quality factors and eigenfrequencies for the whole set of singlets of the earth’s normal modes s-0(0), s-0(2), s-0(3) and s-2(1) using superconducting gravimeter data from the ggp network. *JOURNAL OF GEODYNAMICS*, 41(1-3):345–357, JAN-APR 2006. 15th International Symposium on Earth Tides, Ottawa, CANADA, AUG 02-06, 2004. doi:10.1016/j.jog.2005.08.020.
- [33] T. Sato, J.-P. Boy, Y. Tamura, K. Matsumoto, K. Asari, H.-P. Plag, and O. Francis. Gravity tide and seasonal gravity variation at ny-alesund, svalbard in arctic. *JOURNAL OF GEODYNAMICS*, 41(1-3):234–241, JAN-APR 2006. 15th International Symposium on Earth Tides, Ottawa, CANADA, AUG 02-06, 2004. doi:10.1016/j.jog.2005.08.016.
- [34] T. Sato, J. Okuno, J. Hinderer, D. S. MacMillan, H.-P. Plag, O. Francis, R. Falk, and Y. Fukuda. A geophysical interpretation of the secular displacement and gravity rates observed at ny-alesund,

svalbard in the arctic - effects of post-glacial rebound and present-day ice melting. *GEOPHYSICAL JOURNAL INTERNATIONAL*, 165(3):729–743, JUN 2006. doi:10.1111/j.1365-246X.2006.02992.x.

- [35] S. Shiomi. Geophysical test of the universality of free-fall. *PHYSICAL REVIEW D*, 74(2), JUL 2006. doi:10.1103/PhysRevD.74.027101.
- [36] R. Sleeman, A. van Wettum, and J. Trampert. Three-channel correlation analysis: A new technique to measure instrumental noise of digitizers and seismic sensors. *BULLETIN OF THE SEISMOLOGICAL SOCIETY OF AMERICA*, 96(1):258–271, FEB 2006. doi:10.1785/0120050032.
- [37] H. Steffen, S. Kuhlmann, T. Jahr, and C. Kroner. Numerical modelling of the barometric pressure-induced noise in horizontal components for the observatories moxa and schiltach. *JOURNAL OF GEODYNAMICS*, 41(1-3):242–252, JAN-APR 2006. 15th International Symposium on Earth Tides, Ottawa, CANADA, AUG 02-06, 2004. doi:10.1016/j.jog.2005.08.011.
- [38] H.-P. Sun, H. Hsu, W. Chen, X. D. Chen, J. C. Zhou, M. Liu, and S. Gao. Study of earth's gravity tide and oceanic loading characteristics in hong kong area. *CHINESE JOURNAL OF GEOPHYSICS-CHINESE EDITION*, 49(3):724–734, MAY 2006.
- [39] H.-P. Sun, D. W. Zheng, X. L. Ding, W. Chen, and X. D. Chen. Detection of the special gravity signals in sub-tidal band by using wavelet technique. *CHINESE SCIENCE BULLETIN*, 51(6):713–722, MAR 2006. doi:10.1007/s11434-006-0713-4.
- [40] M. Van Camp, M. Vanclooster, O. Crommen, T. Petermans, K. Verbeeck, B. Meurers, T. van Dam, and A. Dassargues. Hydrogeological investigations at the membach station, belgium, and application to correct long periodic gravity variations. *JOURNAL OF GEOPHYSICAL RESEARCH-SOLID EARTH*, 111(B10), OCT 2006. doi:10.1029/2006JB004405.
- [41] A.P. Venedikov, J. Arnosó, W. Cai, R. Vieira, S. Tan, and E.J. Velez. Separation of the long-term thermal effects from the strain measurements in the geodynamics laboratory of lanzarote. *Journal of Geodynamics*, 41(1-3):213–220, 2006. doi:10.1016/j.jog.2005.08.029.
- [42] H. Wilmes, A. Boer, B. Richter, M. Harnisch, G. Harnisch, H. Hase, and G. Engelhard. A new data series observed with the remote superconducting gravimeter gwr r038 at the geodetic fundamental station tigo in concepcion (chile). *JOURNAL OF GEODYNAMICS*, 41(1-3):5–13, JAN-APR 2006. 15th International Symposium on Earth Tides, Ottawa, CANADA, AUG 02-06, 2004. doi:10.1016/j.jog.2005.08.008.
- [43] K. H. Zahran, G. Jentzsch, and G. Seeber. Accuracy assessment of ocean tide loading computations for precise geodetic observations. *JOURNAL OF GEODYNAMICS*, 42(4-5):159–174, NOV-DEC 2006. doi:10.1616/j.jog.2006.07.002.