

Βιβλιογραφία

α) Ελληνική

Ανδριτσάνος ΒΔ, Κεχαϊδου ΚΕ (1996) Βελτιστοποίηση τοπικού γεωειδούς με δεδομένα βαρύτητας, τοπογραφίας, πυκνότητας και GPS με χρήση πακέτων FFT και GIS. Διπλωματική εργασία, Τομέας Γεωδαισίας και Τοπογραφίας, ΤΑΤΜ-ΑΠΘ.

Ανδριτσάνος ΒΔ, Πικριδάς Χ, Τζιαβός ΗΝ (1997) Σύγχρονες γεωδαιτικές εφαρμογές του GPS. ΤΕΕ – Τμήμα Κεντρικής Μακεδονίας, Σεμινάριο Επαγγελματικής Κατάρτισης, 24-29 Νοεμβρίου 1997.

Δερμάνης Α, Φωτίου Α (1992) Μέθοδοι και εφαρμογές συνόρθωσης παρατηρήσεων. Εκδόσεις Ζήτη, Θεσσαλονίκη.

Δερμάνης Α (1999) Διαστημικές μέθοδοι Γεωδαισίας και Γεωδυναμικής. Εκδόσεις Ζήτη, Θεσσαλονίκη.

Κατσάμπαλος Κ (2001) Σημειώσεις στα πλαίσια του μεταπτυχιακού μαθήματος «Εφαρμογές διαστημικών μεθόδων». Τμήμα Αγρονόμων Τοπογράφων Μηχ/κων, Α.Π.Θ..

Κατσάμπαλος Κ, Τζιαβός ΗΝ (1991) Φυσική Γεωδαισία. Εκδόσεις Ζήτη, Θεσσαλονίκη.

Λιβιεράτος Ε (1992) Θεωρία της Γεωδαισίας. Εκδόσεις Ζήτη, Θεσσαλονίκη.

Λιβιεράτος Ε, Φωτίου Α (1993) Ελλειψοειδής Γεωδαισία και Γεωδαιτικά Δίκτυα. 2^η Έκδοση. Εκδόσεις Ζήτη, Θεσσαλονίκη.

Ρωσσικόπουλος Δ (1999) Τοπογραφικά δίκτυα και υπολογισμοί. 2^η Έκδοση Ζήτη, Θεσσαλονίκη.

Ρωσσικόπουλος Δ (1998) Δίκτυα GPS. Διδακτικές σημειώσεις Τμήμα Αγρονόμων Τοπογράφων Μηχ/κων, Α.Π.Θ..

Ρωσσικόπουλος Δ, Φωτίου Α (1993) GPS Χωρίς Εξισώσεις, Ενημερωτικό Δελτίο Συλλόγου ATM Βορείου Ελλάδος, Επιστημονικά Θέματα, Τεύχη 33 και 34, Θεσσαλονίκη.

Τζιαβός Η (1993) Σημειώσεις Υδρογραφίας και Φυσικής Ωκεανογραφίας. Θεσσαλονίκη, ΤΑΤΜ-ΑΠΘ..

Φωτιού Α, Πικριδάς Χ (2001) Το δορυφορικό σύστημα GPS. Διδακτικές σημειώσεις Τ.Α.Τ.Μ., Α.Π.Θ..

β) Ξενόγλωσση

Achilli V, Anzidei M, Baldi P, Gasparini C, Marsella M, Riguzzi F (1993) TYRGEONET: a global positioning system geodetic network for the geodynamic survey of the Italian peninsula. Ann Geofis, 36, 2.

- Andritsanos V, Hryssomallidis H, Kappos G, Kehaidou K, Pikridas C, Tsoulis D (1995) Orthometric Height Determination with a Combination of GPS and Gravity Data. Submitted to the Institute Of Navigation Student Paper Competition '95.
- Anzidei M, Baldi P, Casula G, Crespi M, Fotiou A, Riguzzi F (1995) Crustal deformation analysis applied to G.P.S. observations in the frame of the tygeonet project. XXI IUGG General Assembly, Boulder, July 2 - 14.
- Anzidei M, Baldi P, Casula G, Riguzzi F, Surace L (1995) La Rete Tyrgeonet, I.G.M. Firenze.
- Ashjaee J, Lorenz R (1992) Precision GPS surveying after Y-code. In: Proceedings of ION GPS-92, Fifth International Technical Meeting of the Satellite Division of the Institute of Navigation, Albuquerque, New Mexico, September 16-18, 657-659.
- Ashjaee J (1993) An analysis of Y-code tracking techniques and associated technologies. Geodetical Info Magazine, 7(7): 26-30.
- Bock Y, Shimada S (1990) Continously monitoring G.P.S. networks for deformation measurments. In Bock, Lepard (eds), 40 -56.
- Counselman CC (1981) Miniature interferometer terminals for earth surveying - MITES. CSTG Bulletin vol 3, International Activities, Technology and Mission Developments.
- Frei E, Schubernigg M (1992) G.P.S. surveying techniques using the Fast Ambiguity Resolution Approach (FARA).
- Georgiadou Y, Kleusberg A (1988) On carrier signal multipath effects in relative G.P.S. positioning. Manu Geod 13,172 - 179, 188.
- Goad CC, Muller A (1988) An automated procedure for generating an optimum set of independent double difference observables using G.P.S. carrier phase measurement. Manu geod, 13 365 -369.
- Gurtner W, Mader GL (1990) The RINEX format Current status, future developments. GPS'90 Ottawa, 977 - 992.
- Hofmann-Wellenhof B, Lichtenegger H, Collins J (1994) Global Positioning System. Theory and Practice, 3rd Ed, Springer-Verlag, New York.
- Kahman H, Feig W (1988) Surveying. W. de Gryter, Berlin - New York.
- Keegan R (1990) P-code aided Global Positioning System receiver. U.S. Pattern Office, Pattern no. 4, 972, 431.
- Kelso TS (1995) Satellite Times - Orbital Coordinate Systems. Part I September/October 1995, Part II November/December 1995, Part III January/February 1996.
- Kleusberg AI, Teunissen PJG. (eds.) (1996) G.P.S. for Geodesy. Lecture Notes in Earth Sciences No. 60, Springer-Verlag, New York.
- Kleusberg AI, Teunissen PJG (1997) Lecture Notes in the 2nd International School G.P.S. for Geodesy, Delft, The Netherlands, March 2-8.
- Klobuchar JA (1991) Ionospheric effect GPS , GPS world 2 (4). 48 - 51.

- Lachapelle G (2000) GPS Theory and Applications. Lecture notes for ENGO625, Department of Geomatics Engineering, University of Calgary, Alberta, Canada.
- Leica (2002) Techical Reference Manual. Heerbrugg.
- Leica (2002) User Manual-SKI. Heerbrugg.
- Lerch F, Klosko SM, Patel GB (1983) A refined gravity model from LAGEOS (GEM-L2), NASA Technical Memorandum 84986.
- Lohmar FJ (1985) Zur Berechnung ionosphärischer Refraktionskorrekturen Fur VLBI - Beobachtungen aus simultanen Dopplermessungen nach satelliten. Mitt. Geod. Inst. Univ. Bonn. Nr. 67.
- MacDoran PF, Miller RB, Buennagel LA, Whitcomb JH (1985) Codeless systems for positioning with NAVSTAR-GPS. In: Proceedings of the First International Symposium on Precise Positioning with the Global Positioning System, Rockville, Maryland, April 15-19, vol 1: 181-190.
- Mainville A, Forsberg R, Sideris MG (1992) Global positioning system testing of geoids computed from geopotential models and local gravity data: A case study. Journal of Geophysical Research, 97(B7), 11137-11147.
- Marsh JG et al. (1989) The GEM-T2 gravitational model, NASA Technical Memorandum 100746.
- Pavlis N, Rapp RH, Lemoine FG, Kenyon SC (1996) High resolution global geopotential models for the joint GSFC/DMA project. Presented at the GraGeoMar Symposium of IAG, Tokyo, Sept. 30 - Oct. 3.
- Pavlis N (1997) Unpublished report on the data used for the computation of EGM models.
- Rapp RH (1981) The earth's gravity field to degree and order 180 using SEASAT altimeter data. Ohio State University Report No 335.
- Rapp RH, Cruz JY (1986) Spherical harmonic expansions of the earth's gravitational potential to degree 360, using 30' mean anomalies. Ohio State University Report No 376.
- Rapp RH, Wang YM, Pavlis NK (1991) The Ohio State 1991 geopotential and sea surface topography harmonic coefficient models. Ohio State University Report No 410.
- Reinisch BW, Huang X, Belehaki A, Jodogne J-C (2001) Bottom and Topside Ionospheric TEC Obtained From Ground-Based Ionosonde Measurements. Beacon Satellite Symposium Proceedings.
- Rothacher M, Beutler G, Brockmann E, Fankhauser S, Gurtner W, Johnson J, Mervart L, Schaer S, Springer T, Weber R (1996) Bernese GPS software version 4.0.
- Saastamoinen J (1973) Contributions to the theory of atmospheric refraction. Bull Geod, 107.
- Schubernigg M (1993) Guidelines on Processing RINEX Data with SKI, Heerbrugg.
- Seeber G (1993) Satellite Geodesy (Foundations, Methods, and Applications). Walter de Gruyter , Berlin - New York.

Tziavos IN (1993) Numerical Considerations of FFT Methods in Gravity Field Modeling. Wiss Arb, University of Hannover, No 188.

Vergos GS (2002) Sea Surface Topography, Bathymetry and Marine Gravity Field Modeling. MSc Theses Dissertation, Submitted to the Faculty of Graduate Studies in Partial Fulfillment for the Degree of Master of Science, Department of Geomatics Engineering, University of Calgary, UCGE Report 20157, February 2002.

Vergos GS, Bayoud FA, Sideris MG and Tziavos IN (2002) High-Resolution Geoid Computation by Combining Shipborne and Multi-Satellite Altimetry Data in the Eastern Mediterranean Sea. IGeS Buletin Special Issue, Vol. 13, Proceedings of the EGS 2001 - G7 Session "Regional and Local Gravity Field Approximation", I.N. Tziavos and R. Barzaghi (eds.), pp. 85-99, March 25-30, Nice, France.

Vergos GS, Grebenicharsky RS and Sideris MG (2001) Improving the Marine Geoid by Combining Satellite and Shipborne Data. Presented at the 3rd Annual Conference of the GEOIDE Network of Centers of Excellence (NCE), June 21 – 22, 2001, Fredericton, New Brunswick, Canada.

Vergos GS, Grebenicharsky RS and Sideris MG (2002a) Combination of Multi-Satellite Altimetry and Shipborne Gravity Data for Geoid Determination in a Coastal Region of Eastern Canada. IGeS Buletin Special Issue, Vol. 13, Proceedings of the EGS 2001 - G7 Session "Regional and Local Gravity Field Approximation", I.N. Tziavos and R. Barzaghi (eds.), pp. 100-115, March 25-30, Nice, France.

Vergos GS, Sideris MG (2002b) Evaluation of Geoid Models and Validation of Geoid and GPS/Leveling Undulations in Canada. IGeS Bulletin, Vol. 12, pp. 3 - 17.

Vergos GS and Sideris MG (2002d) Marine Geoid Estimation Using Satellite and Shipborne Data. Presented at the Annual Scientific Meeting of the Canadian Geophysical Union, May 18-21, Banff, Canada.

Vergos GS and Sideris MG (2002f) Estimation of a High-Accuracy Marine Geoid Offshore Newfoundland, Eastern Canada. Presented at the 3rd Meeting of the International Gravity and Geoid Commission (IGGC), Gravity and Geoid 2002 - GG2002, August 26-30, Thessaloniki, Greece.

Vergos GS and Sideris MG (2002g) Altimetry-Derived Marine Gravity Field Estimation Using Single- and Multi-Satellite Data. Presented at the 3rd Meeting of the International Gravity and Geoid Commission (IGGC), Gravity and Geoid 2002 - GG2002, August 26-30, Thessaloniki, Greece.

Vergos GS, Sideris MG, Tziavos IN (2002) High-Resolution and High-Accuracy Marine Geoid Estimation in the Aegean Sea Using Satellite and Shipborne Data. Presented at the 3rd Meeting of the International Gravity and Geoid Commission (IGGC), Gravity and Geoid 2002 - GG2002, August 26-30, Thessaloniki, Greece.

Vergos GS, Tziavos IN and the GAVDOS Team (2002) A Survey of Marine Geoid Estimation Using Satellite and Shipborne Data in Gavdos. Presented at the XXVII EGS General Assembly, April 21-26, Nice, France.

Vergos GS, Tziavos IN and the GAVDOS Team (2002b) A Survey of Marine Geoid Estimation Using Satellite and Shipborne Data in Gavdos II. Presented at the 3rd Meeting of the International Gravity and Geoid Commission (IGGC), Gravity and Geoid 2002 - GG2002, August 26-30, Thessaloniki, Greece.

Wanninger (1992) Monitoring total electron ionospheric content and ionospheric irregularities with G.P.S. In: De Munck, spoeistra (eds.), 141 - 146.

Wenzel H (1985) : Hochauflösende Kugelfunktionsmodelle für das Gravitationspotential der Erde, Wiss. Arb. University of Hannover, No. 137.

Wanninger L, Jahn C-H (1991) Effects of severe ionospheric conditions on G.P.S. data processing. IAG symp. G-2, Permanent Satellite Tracking Networks for Geodesy and Geodynamics. IUGG General Assembly, Vienna.

Wells DE (1986) Guide to G.P.S. positioning. Fredericton.