

**FLY**

To je alat za vizualizaciju terena (DEM) prekrivenog snimcima, za kreiranje 3D perspektivnih scena blizu realnom vremenu. Opslužuje satelitske i aerosnimke za kreiranje vrlo realističnog izgleda terena (krajolika). Između ostalog, služi za:

- planiranje različitih misija
- ponavljanje misija
- interaktivnu kontrolu pozicije, pravca, visine i brzine ...

Omogućena je opcija anaglifa proizvodnjom lijeve i desne scene kao crvene i plave superpo-nirane slike (promatranje slike s naočalama koje sadrže crvenu i plavu leću; slika se prikazuje kao trodimenzionalna).

**FreeView Geomatica**

To je novi instrument za rad s podacima dobivenima iz različitih izvora, uključujući snimke, vektore i pomoćne podatke, kao što su bitmape. Taj instrument omogućuje povećanje i analizu snimaka korištenih u daljinskim istraživanjima, kao što su: LANDSAT, SPOT, RADARSAT, IKONOS, ERS-1, NOAA AVHRR i aerosnimci. FreeView softver uključuje i alat za brzo manipuliranje snimkom i zumiranje, zatim povećanje kontrasta, prikaz brojčanih vrijednosti i atributnih tablica.

*Dean Oluić*

**IZ STRANIH ČASOPISA****Allgemeine Vermessungs-Nachrichten, Vol.109, No.4, 2002.**

- Feldskizze – ein Anachronismus – oder doch nicht? J. Fabianowitsch. 122.-126.
- Eine Studie bringt Licht in den Markt für mobile Datenerfassungssysteme. J.-P. Kuhle. 127.-130.
- Zur numerischen Berechnung des kurzen Abstandes von Kegelschnitten. H. Spath. 131.-134.
- Vertical Deformation Analysis of LEP in CERN. F. Jin, M. Mayoud, J.-P. Quesnel. 135.-142.
- Sylvester resultant solution of the planar ranging problem. J.L. Awange, E.W. Grafarend. 143.-146.

**Geomatics Info Magazine, Vol.16, No.4, 2002.**

- Efficient Land Use and Registration in Strata: Transition to a Three-dimensional Cadastre. J. Forrai, G. Kirschner. 12.-
- True Orthoimages: Recovering Full 100 Per Cent Scenes Using Digital Surface Models. W. Mayr. 37.-
- High Resolution Satellite Imagery: Thematic and Topographic Mapping from Space Sensors. M. Lemmens. 44.-
- AFRICOVER: Integrated Inventory and Classification of Vegetation on the African Continent. J. Sipkes. 62.-
- Annual Education of a Thousand Professionals: Capacity Building for Land Administration in Central American and Panama. G.J. Rodriguez, J.-R. Lebeau. 76.-
- Interview – Evolving Role of the Surveyor in Society: Interview with Robert Foster, FIG President. M. Lemmens. 6.-

**GPS Solutions, Vol.5, No.4, 2002.**

- Relativistic Time Transformations in GPS. J. Kouba. 1.-9.
- Real-Time GPS Data Transmission Using VSAT Technology. M.E. Jackson, C. Meertens, O. Ruud, S. Reeder, W. Gallaher, C. Rocken. 10.-19.
- Algebraic Solution of GPS Pseudo-Ranging Equations. J. L. Awange, E. W. Grafarend. 20.-32.

- Absolute Positioning with Single-Frequency GPS Receivers. O. Ovstedral. 33.-44.
- PLL Tracking Performance in the Presence of Oscillator Phase Noise. M. Irsigler, B. Eissfeller. 45.-57.
- Multivariate Monitoring with GPS Observations and Auxiliary Multisensor Data. C. Ogaja, J. Wang, C. Rizos, J. Brownjohn. 58.-69.
- Organization of Emergency Response After a Major Disaster Event in an Urban Area with the Help of an Automatic Vehicle Location And Control System.
- P. Savvaidis, K. Lakakis, I. Ifadis. 70.-79.
- Nonlinear Adjustment of GPS Observations of Type Pseudo-Ranges. J.L. Awange, E. W. Grafarend. 80.-96.

**Journal of Geodesy, Vol.76, No.2, 2002.**

- GPS network monitors the Western Alps' deformation over a five-year period: 1993-1998. C. Vigny, J. Chery, T. Duquesnoy, F. Jouanne, J. Ammann, M. Anzidei, J.-P. Avouac, F. Barlier, R. Bayer, P. Briole, E. Calais, F. Cotton, F. Duquenne, K. L. Feigl, G. Ferhat, M. Flouzat, J.-F. Gamond, A. Geiger, A. Harmel, M. Kasser, M. Laplanche, M. Le Pape, J. Martinod, G. Menard, B. Meyer, J.-C. Ruegg, J.-M. Scheubel, O. Scotti, G. Vidal. 63.-76.
- Improvement of the separability of a survey scheme for monitoring crustal deformations in the area of an active fault. J. C. Wu, Y. Q. Chen. 77.-81.
- The Bayesian approach applied to GPS ambiguity resolution. A mixture model for the discrete-real ambiguities alternative. M. C. de Lacy, F. Sanso, G. Rodriguez-Caderot, A. J. Gil. 82.-94.
- Stochastic assessment of GPS carrier phase measurements for precise static relative positioning. J. Wang, C. Satirapod, C. Rizos. 95.-104.
- Prediction of surface horizontal displacements, and gravity and tilt changes caused by filling the Three Gorges Reservoir. H. Wang, H. T. Hsu, Y. Z. Zhu. 105.-114.
- Intersections on the sphere and ellipsoid. L. E. Sjoeberg. 115.-120.
- Erratum: Corrections to "The solution of the general geodetic boundary value problem by least squares". M. van Gelderen, R. Rummel. 121.-122.

**Journal of Surveying Engineering, Vol.128, No.2, 2002.**

- Developing Carrier-Phase Differential Global Positioning System Networks with Partial Derivative Algorithms. C. C. Varner, M. E. Cannon. 39.-60.
- Analytical Solution for the Amplitude Ratio Method for Determining Mean High Water in Tidal Regions. J. Greenfeld. 61.-75.

**Zeitschrift fur Vermessungswesen, Vol.127, No.1, 2002.**

- Eine Ara und Legende -Die Curta-Rechenmaschine. K. Kertscher. 2.-4.
- Virtuelle Realität und GIS im kommunalen Umfeld. R. Bill. 4.-9.
- Integrierte Verarbeitung der Daten des Liegenschaftskatasters einschließlich Homogenisierung. S. Kampshoff, W. Benning. 9.-19.
- Kommunale Geoinformation im Intranet/Internet. R. Klauer. 19.-25.
- Strukturierte Anschaffung und Einführung eines GIS in einem Unternehmen. B. Teichert. 25.-31.
- Entwicklung von EVU-Fachschalen unter Nutzung von UML. A. Zimmermann. 31.-41.
- A New Calibration Method for strapdown Inertial Navigation Systems. E.-H. Shin, N. El-Sheimy. 41.-51.
- Möglichkeiten und Grenzen der relativen GPS- Antennenkalibrierung. L. Wanninger. 51.-59.
- Das öffentliche Vermessungswesen im zusammenwachsenden Europa. S. Tiemann. 59.-65.

Izvor: <http://www2.geod.nrcan.gc.ca/~craymer/tcg/>