

Senís, M., P. Varona and P. Velasco. “Protection Measures of Monumental Buildings During the Excavation of a Tunnel with an EPB Machine,” in *Continuum and Distinct Element Numerical Modeling in Geo-Engineering (Proceedings, 1st International FLAC/DEM Symposium, Minneapolis, August 2008)*, Paper No. 09-07. R. Hart et al., Eds. Minneapolis: Itasca Consulting Group, Inc., 2008.

Senís, M., P. Varona and P. Velasco. “Simulation of the Excavation of a Tunnel Using an EPB Machine,” in *Continuum and Distinct Element Numerical Modeling in Geo-Engineering (Proceedings, 1st International FLAC/DEM Symposium, Minneapolis, August 2008)*, Paper No. 09-06. R. Hart et al., Eds. Minneapolis: Itasca Consulting Group, Inc., 2008.

Gutiérrez J., and P. Velasco. “Análisis de la estabilidad de un frente superficial” *Ingeopres*, **122**, 16-24 (December 2003).

Rodríguez-Ortiz, J. M., P. Varona and P. Velasco. “Modeling of Anhydrite Swelling with FLAC,” in *FLAC and Numerical Modeling in Geomechanics — 2003 (Proceedings of the 3rd International FLAC Symposium, Sudbury, Ontario, Canada, October 2003)*, pp. 55-62. Richard Brummer et al. Eds. Lisse: Balkema, 2003.

Aias, J. M., M. Riera and P. Velasco. “Metodología de dimensionamiento de taludes en macizos rocosos competentes. Aplicación a los desmontes P.K. 2+400 y P.K. 2+550 de la Carretera General 3, Andorra, zona de Pont-Plá,” in *Proceedings V Simposio Nacional sobre Taludes y Laderas Inestables (Madrid, November 2001)*.

Varona, P., and P. Velasco. “Criterios para la linealización de la envolvente de rotura de Hoek-Brown,” *Ingeopres*, **80**, 54-58 (March 2000).

Celada B., et al. “Bolt Support Planning in Sublevel Caving of Pedraforca Mine”, in *Geotechnical Studies and Development of Rock Bolting for European Coal Mines (Proceedings of the 3<sup>rd</sup> International Symposium on Roofbolting in Mining, Summary of the E.C.S.C., Aachen, June 1998)*.

Derrien Y., et al. “Bolt Support Improvement in Highly Stressed Gateroads at U.E. Provence Mine,” in *Geotechnical Studies and Development of Rock Bolting for European Coal Mines (Proceedings of the 3<sup>rd</sup> International Symposium on Roofbolting in Mining, Summary of the E.C.S.C., Aachen, June 1998)*.

Celada, B., P. Varona and P. Velasco. “Back Analysis of the Deformations of the Bolonia Experimental Shaft,” in *Proceedings. IV Coloquio Internacional sobre el Enlace Fijo del Estrecho de Gibraltar (Seville, May 1995)*, Vol. 3, pp. 135-138. Madrid: SECEG, S.A., 1996.