

Detournay, C., and E. Dzik. "Nodal Mixed Discretization for Tetrahedral Elements," in *Numerical Modeling in Geomechanics — 2006 (CD Proceedings of the 4th International Symposium, Madrid, May 2006)*, Paper No. 07-02. R. Hart and P. Varona, Eds. Minneapolis, Minnesota: Itasca Consulting Group, Inc., 2006.

Dzik, E. J., and J. Krahn. "Region Based 3-D Meshing for Geotechnical Numerical Modeling," in *CD Proceedings of the 2nd Canadian Specialty Conference in Geotechnique (Winnipeg), 2002*.

Read, R. S., N. A. Chandler and E. J. Dzik. "In Situ Strength Criteria for Tunnel Design in Highly-Stressed Rock Masses," *Int. J. Rock Mech. Min. Sci. Geomech. Abstr.*, **35**(3), 261-278 (1998).

Dzik, E. J. "Numerical Modeling of Progressive Fracture in the Compressional Loading of Cylindrical Cavities," Ph.D. Thesis, University of Manitoba, 1996.

Dzik, E. J., and E. Z. Lajtai. "Primary Fracture Propagation from Circular Cavities Loaded in Compression," *Int. J. Fract.*, **79**(1), 49-64 (1996).

Lajtai, E. Z., and E. J. Dzik. "Searching for the Damage Threshold in Intact Rock," in *Proceedings of the Second North American Rock Mechanics Symposium (NARMS '96, Montreal)*, Vol. 1, pp. 701-708. M. Aubertin et al., Eds. Rotterdam: Balkema, 1996.

Martin, C. D., E. J. Dzik and R. S. Read. "Designing an Effective EDZ Cut-Off in High Stress Environments," in *Proceedings of the EDZ Workshop: Designing the Excavation Disturbed Zone for a Nuclear Repository in Hard Rock (Winnipeg)*, pp. 155-164. J. B. Martino and C. D. Martin, Eds. Toronto: 1996 Int. Conf. on Deep Geological Disposal of Radioactive Waste, 1996.

Martin, C. D., R. S. Read and E. J. Dzik. "Near-Face Cracking and Strength around Underground Openings," in *Proceedings of the 2nd International Conference on the Mechanics of Jointed and Faulted Rock (Vienna)*, pp. 765-770. H.-P. Rossmannith, Ed. Rotterdam: Balkema, 1995.

Read, R. S., C. D. Martin and E. J. Dzik. "Asymmetric Borehole Breakouts at the URL," in *Proceedings of the 35th U.S. Symposium on Rock Mechanics (Reno, Nevada)*, pp. 879-884. J.J.K. Daemen and R. A. Schultz, Eds. Rotterdam: Balkema, 1995.

Dzik, E. J., E. Z. Lajtai and C. D. Martin. "Numerical Modelling of Discrete Fractures in Granite," in *Proceedings of the 8th International Conference of the Association for Computer Methods and Advances in Geomechanics (IACMAG '94, Morgantown, West Virginia)*, Vol. III, pp. 1969-1974. H. J. Siriwardane, Ed. Rotterdam: Balkema, 1994.

Martin, C. D., J. B. Martino and E. J. Dzik. "Comparison of Borehole Breakouts from Laboratory and Field Tests," in *EUROCK'94 SPE/ISRM Rock Mechanics in Petroleum Engineering (Delft)*, pp. 183-190. Rotterdam: Balkema, 1994.

Dzik, E. J. "watson: A Computer Program to Calculate Principal Axis Orientation and Confidence Cone for Unimodal Bipolar Orientation Data," *Comput. Geosci.*, **18**(2/3), 367-383 (1992).

Dzik, E. J. "Triangulation of Composite 2-D Manifolds: Method and Implementation," M. M. Thesis, University of Waterloo, 1991.

Page 2 of 2

Walker, J. R., C. D. Martin and E. J. Dzik. "Confidence Intervals for *In Situ* Stress Measurements," *Int. J. Rock Mech. Min. Sci. & Geomech. Abstr.*, **27**(2), 139-141 (1990).

Sheppard, M. I., and E. J. Dzik. "Soil Contamination by Irrigation and Capillary Rise of Groundwater," *J. Soil & Water Cons.*, **42**(3), 200-204 (1987).