

Referências bibliográficas

Alerta Rio: banco de dados. Disponível em: < <http://alerta.rio.rj.gov.br> >. Acesso em: 15 Janeiro, 2015.

Aydan, Ö.; Kawamoto, T. **The stability of slopes and underground openings against flexural toppling and their stabilization.** Rock Mechanics and Rock Engineering, v. 25, n. 3, p. 143-165, 1992. Disponível em: < <http://dx.doi.org/10.1007/BF01019709> >.

Aydan, Ö.; Shimizu, Y.; Ichikawa, Y. **The effective failure modes and stability of slopes in rock mass with two discontinuity sets.** Rock Mechanics and Rock Engineering, v. 22, n. 3, p. 163-188, 1989. Disponível em: < <http://dx.doi.org/10.1007/BF01470985> >.

Bandis, S. **Experimental studies of scale effects on shear strength and deformation of rock joints.** 1980. iii , xv, 385 i.e. 387 , 124 leaves 1 plate. Thesis (Ph D) University of Leeds (Department of Earth Sciences), Leeds,.

Bandis, S.; Lumsden, A. C.; Barton, N. R. **Experimental studies of scale effects on the shear behaviour of rock joints.** International Journal of Rock Mechanics and Mining Sciences & Geomechanics Abstracts, v. 18, n. 1, p. 1-21, 1981. Disponível em: < <http://www.sciencedirect.com/science/article/pii/014890628190262X> >.

Bandis, S. C.; Lumsden, A. C.; Barton, N. R. **Fundamentals of rock joint deformation.** International Journal of Rock Mechanics and Mining Sciences & Geomechanics Abstracts, v. 20, n. 6, p. 249-268, 1983. Disponível em: < <http://www.sciencedirect.com/science/article/pii/0148906283905958> >.

Barton, N. **Review of a new shear-strength criterion for rock joints.** Engineering Geology, v. 7, n. 4, p. 287-332, 1973. Disponível em: < <http://www.sciencedirect.com/science/article/pii/0013795273900136> >.

Barton, N.; Bandis, S. **Some effects of scale on the shear strength of joints.** International Journal of Rock Mechanics and Mining Sciences & Geomechanics Abstracts, v. 17, n. 1, p. 69-73, 1980. Disponível em: < <http://www.sciencedirect.com/science/article/pii/0148906280900091> >.

Barton, N.; Choubey, V. **The shear strength of rock joints in theory and practice.** Rock mechanics, v. 10, n. 1-2, p. 1-54, 1977. Disponível em: < <http://dx.doi.org/10.1007/BF01261801> >.

Bejan, A. **Heat Transfer.** Jhon Wiley & Sons, 1948

Carslaw, H. S.; Jaeger, J. C. **Conduction of heat in solids.** 2. ed. Oxford: Clarendon, 1959

Chavez, L. E. **Influência das Tensões de Origem Térmica e Problemas de Estabilidade de Blocos Rochosos.** Dissertação (Mestrado em Engenharia Civil) - Pontifícia Universidade Católica do Rio de Janeiro, Rio de Janeiro, 2007.

Cundall, P. A. **Distinct Element Models of Rock and Soil Structure.** Analytical and Computational Methods in Engineering Rock Mechanics, Chapter 4, pp. 129-163, 1987

Cundall, P. A. **Formulation of a Three-Dimensional Distinct Element Model - Part I: A Scheme to Detect and Represent Contacts in a System Composed of Many Polyhedral Blocks.** International Journal of Rock Mechanics and Mining Sciences & Geomechanics. Abstracts 25, pp. 107-116, 1988.

Fundação Instituto de Geotécnica (Geo-Rio), **Análise dos resultados das investigações geológicas geotécnicas realizadas na Rua Engenheiro Gama Lobo, 650, para a mitigação do risco a acidentes geológicos,** 2009.

Gischig, V. S. et al. **Thermomechanical forcing of deep rock slope deformation 1: Conceptual study of a simplified slope**. Journal of Geophysical Research: Earth Surface, v. 116, 2011.

Gischig, V.S. et al. **Thermomechanical forcing of deep rock slope deformation 2: The Randa rock slope instability**. Journal of Geophysical Research: Earth Surface, v. 116, 2011.

Gokhale, K. V. G. K. **Principles of Engineering Geology**. BS Publications, 2008.

Gonzales de Vallejo, L. I. et. al. **Engenharia Geológica**. Madrid: Pearson Educación, S.A. 2002

Goodman, R. E. **Introducción to Rock Mechanics**. 2.ed. Canada: John Wiley & Sons, 1989

Gunzburger, Y.; Merrien-soukafchoff, V.; Guglielmi, Y. **Influence of daily surface temperature fluctuations on rock slope stability: case study of the Rochers de Valabres slope (France)**. International Journal of Rock Mechanics and Mining Sciences, v.42, n.3, p. 331-349, 2005. Disponível em: < <http://www.sciencedirect.com/science/article/pii/S1365160904003132> >.

Haimson, B. Mechanical Behaviour of Rock Under Cyclic Loading. Proceedings of the 3rd Congress of the International Association for Rock Mechanics. v. 2. p. 373-378, 1974

Halsey, D. P.; Mitchell, D. J.; Dews, S. J. **Influence of climatically induced cycles in physical weathering**. Quarterly journal of engineering geology, v. 31, n. 4, p. 359-367, 1998.

Hart, R. D. **An introduction to distinct element modeling for rock engineering**. International Journal of Rock Mechanics and Mining Sciences & Geomechanics Abstracts, v. 31, n. 3, p. 147, 1994. Disponível em: < <http://www.sciencedirect.com/science/article/pii/0148906294906777> >.

Hart, R. D., P. Cundall and J. Lemos. **Formulation of a Three-Dimensional Distinct Element Model - Part II: Mechanical Calculations for Motion and Interaction of a System Composed of Many Polyhedral Blocks.** International Journal of Rock Mechanics and Mining Sciences & Geomechanics. Abstracts 25, 117-126, 1988.

Hoek, E.; Bray, J. **Rock Slope Engineering.** 3.ed. Grã-Bretanha: Universidade de Cambridge, 1996.

Hoek, E.; Diederichs, M. S. **Empirical estimation of rock mass modulus.** International Journal of Rock Mechanics and Mining Sciences, v. 43, n. 2, p. 203-215, 2006. Disponível em: < <http://www.sciencedirect.com/science/article/pii/S1365160905000948> >.

Itasca. **3 Dimensional Distinct Element Code User's Guide.** Itasca Consulting Group, Inc. Minneapolis, Minnesota 55401 USA. 3.ed. 2007

International Society on Rock Mechanics. In: **Ulsay, R., Hudson, J. (Eds.), The complete ISRM suggested methods for rock characterization, testing and monitoring: 1974–2006.** ISRM. 628 pp, 2007.

Jing, L. **A review of techniques, advances and outstanding issues in numerical modelling for rock mechanics and rock engineering.** International Journal of Rock Mechanics and Mining Sciences, v. 40, n. 3, p. 283-353, 2003. ISSN 1365-1609. Disponível em: < <http://www.sciencedirect.com/science/article/pii/S1365160903000133> >.

Jhons, D. J. **Thermal Stress Analyses.** Pergamon Press Ltd. 1965.

John, K. W. **Civil engineering approach to evaluate strength and deformability of regularly jointed rock.** American Rock Mechanics Association, 1969.

Kulhawy, F. H. **Stress deformation properties of rock and rock discontinuities.** Engineering Geology, v.9, n.4, p.327-350, 1975. Disponível em: < <http://www.sciencedirect.com/science/article/pii/0013795275900149> >.

Marques, E. A. G. et al. **Weathering zones on metamorphic rocks from Rio de Janeiro - Physical, mineralogical and geomechanical characterization.** Engineering Geology, v. 111, n. 1-4, p. 1-18, 2010. Disponível em: < <http://www.sciencedirect.com/science/article/pii/S0013795209002762> >.

Matsuoka, N.; Sakai, H. **Rockfall activity from an alpine cliff during thawing periods.** Geomorphology, v. 28, n. 3-4, p. 309-328, 1999. Disponível em: < <http://www.sciencedirect.com/science/article/pii/S0169555X98001160> >.

McFadden, L. D. et al. **Physical Wathering in Arid Landscapes due to Diurnal Variatino in The Direction of Solar Heating.** Geological Society of America Bulletin. V. 117, p. 161-173, 2005

Moran J. M., et. al. **Introdução à Engenharia de Sistemas Térmicos.** Rio de Janeiro: Livros Técnicos e Científicos Editora Ltda. 2013.

Rosso, R. S. **A comparison of joint stiffness measurements in direct shear, triaxial compression, and In Situ.** International Journal of Rock Mechanics and Mining Sciences & Geomechanics Abstracts, v. 13, n. 6, p. 167-172, 1976. Disponível em: < <http://www.sciencedirect.com/science/article/pii/0148906276912821> >.

Starfield, A. M.; Cundall, P. A. **Towards a methodology for rock mechanics modelling.** International Journal of Rock Mechanics and Mining Sciences & Geomechanics Abstracts, v. 25, n. 3, p. 99-106, 1988. Disponível em: < <http://www.sciencedirect.com/science/article/pii/0148906288922929> >.

Timoshenko, S. P.; Goodier, J. N. **Teoria da Elasticidade.** Rio de Janeiro. Guanabara Dois S.A. 1980.

Vargas, E. JR. et al. **On the Effect of Thermally Induced Stresses in Failures of Some Rock Slopes in Rio de Janeiro, Brazil.** Rock Mechanic and Rock Engineering, v. 46, n. 1, p. 123-134, 2012. Disponível em: < <http://dx.doi.org/10.1007/s00603-012-0247-9> >.

Watson, A. D.; Moore, D. P.; Stewart, T. W. **Temperature influence on rock slope movements at Checkerboard Creek in Landslides: Evaluation and Stabilization.** Proceedings of the 9th International Symposium on Landslides, p. 1293-1298, 2004.