

Nomination for Manuel Rocha Medal

Personal Data

Nominee: Bernard Amadei
Nationality: French (USA resident)
Place and Date of Birth: Roubaix, France, July 23, 1954
Position: Assistant Professor of Civil Engineering
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BERNARD AMADEI

Brief Vita

Bernard Amadei was born on July 23, 1954 in Roubaix, France. He received the Diploma of Engineer (B.S.) from Ecole de Geologie Appliquee et de Prospection Miniere de Nancy France in Applied Geology in July 1977. He received a Masters of Applied Science from University of Toronto in 1979 and a Master of Science degree in Geotechnical Engineering from Berkeley in August 1979. His Ph.D. in Civil Engineering was awarded June 1982 by the University of California, Berkeley.

Mr. Amadei served in the French Army from August 1977 - August 1978. He was employed as a Teaching Assistant at the University of Toronto from 1978-1979 and was a Research Assistant at the University of California, Berkeley from June 1980 to October 1981. Upon graduation from Berkeley he was employed with J.F.T. Agapito and Associates at Grand Junction, Colorado, and is currently on the faculty (Assistant Professor) at the University of Colorado, Boulder.

His honors include:

Canada Council Fellowship

Massey College Fellowship, Massey Foundation

Jane Lewis Scholarship, University of California, Berkeley

He reads 5 languages: French, English, German, Russian and Arabic.

In addition to the Masters and Ph.D. thesis, Bernard Amadei is the author or co-author of a number of publications in rock mechanics as listed below.

- Ph.D. Thesis. "The Influence of Rock Anisotropy on Measurement of Stresses in Rock - January 1982, University of California, Berkeley.
- Master's Thesis. "Creep Behavior of Rock Joints", University of Toronto, Department of Civil Engineering, 1979.

Publications

- "Elastic Constants and Tensile Strength of Anisotropic Rocks" with J. David Rogers and Richard E. Goodman - In Press, Proceedings 5th Congress on Rock Mechanics - ISRM, Melbourne.

- "A 3-D Constitutive Relation for Fractured Rock Mass" with R. E. Goodman, Proceedings International Symposium on Mechanical Behavior of Structured Media, Ottawa - Part B, pp. 249-268 (1981).
- "The Influence of Rock Anisotropy on Stress Measurement" with R. E. Goodman, Proceedings 23rd Symposium on Rock Mechanics (1982) (SME).
- "Formulation of Complete Plane Strain Problems for Regularly Jointed Rocks" with R. E. Goodman, Proceedings 22nd Symposium on Rock Mechanics (1981) (MIT) pp. 244-251.
- "Creep Behaviour of Rock Joints," with J. H. Curran, in Underground Rock Engineering, Proc. 13th Canadian Rock Mech. Symp., Toronto (1980).
- "Plane Strain and Plane Stress Formulations for Anisotropic Media with Applications to Problems in Geomechanics," in press in Proc. Intl. Conf. on Constitutive Laws for Engineering Materials: Theory and Application - (Jan. 1983), University of Arizona.