

"Mesomechanics: The Microstructure-Mechanics Connection," *International Journal of Solids and Structures*, Vol. 24, No. 11, pp. 1081-1096.

Hallquist, J. O., 1982, "Theoretical Manual for DYNA3D," Report No. UCID-19401, Lawrence Livermore National Laboratory, University of California.

Hellan, K., 1984, *Introduction to Fracture Mechanics*, McGraw-Hill, New York.

Hughes, T. J. R., 1984, "Numerical Implementation of Constitutive Models: Rate-Independent Deviatoric Plasticity," *Theoretical Foundation for Large-Scale Computations for Non-Linear Material Behavior*, S. Nemat-Nasser, R. J. Asaro, and G. A. Hegemeir, eds., Martinus Nijhoff, Dordrecht, pp. 29-57.

Ju, J. W., 1989, "On Energy-Based Coupled Elastoplastic Damage Theories: Constitutive Modeling and Computational Aspects," *International Journal of Solids and Structures*, Vol. 25, No. 7, pp. 803-833.

Kachanov, L. M., 1986, *Introduction to Continuum Damage Mechanics*, Martinus Nijhoff Publishers, Boston.

Kausch, H.-H., 1987, *Polymer Fracture*, Springer-Verlag, New York.

Kawata, K., and Shioiri, J., eds., 1985, *Macro- and Micro-Mechanics of High Velocity Deformation and Fracture*, Springer-Verlag, New York.

Krausz, A. S., and Krausz, K., 1988, *Fracture Kinetics of Crack Growth*, Kluwer, Boston.

Leckie, F. A., and Onat, E. T., 1981, "Tensorial Nature of Damage Measuring Internal State Variables," *Physical Non-Linearities in Structural Analysis*, Springer-Verlag, New York.

Malvern, L. E., 1969, *Introduction to the Mechanics of a Continuous Medium*, Prentice-Hall, Englewood Cliffs, N. J.

Matsuo, Y., 1981, "Statistical Fracture Theory for Multiaxial Stress States Using Weibull's Three Parameter Function," *Engineering Fracture Mechanics*, Vol. 14, pp. 527-538.

Mendelsohn, D. A., 1984a, "A Review of Hydraulic Fracture Modeling—Part II: General Concepts, 2D Models, Motivation for 3D Modeling," *Journal of Energy Resources Technology*, Sept., pp. 369-376.

Mendelsohn, D. A., 1984b, "A Review of Hydraulic Fracture Modeling—Part I: 3D Modeling and Vertical Growth in Layered Rock," *Journal of Energy Resources Technology*, Dec., pp. 543-553.

Murakami, S., 1987, "Anisotropic Aspects of Material Damage and Application of Continuum Damage Mechanics," *Continuum Damage Mechanics, Theory and Applications*, D. Krajcinovic and J. Lemaitre, eds., Springer-Verlag, New York.

Ortiz, M., 1985, "A Constitutive Theory for the Inelastic Behavior of Concrete," *Mechanics of Materials*, Vol. 4, pp. 67-93.

Reddy, J. N., 1976, "Finite Element Analysis of the Initial Stages of Hypervelocity Impact," *Computer Methods in Applied Mechanics and Engineering*, Vol. 9, pp. 47-63.

Seaman, L., Curran, D. R., and Murri, W. J., 1985, "A Continuum Model for Dynamic Tensile Microfracture and Fragmentation," *ASME JOURNAL OF APPLIED MECHANICS*, Vol. 52, pp. 593-600.

Segedin, C. M., 1950, "Note on a Penny-Shaped Crack Under Shear," *Proceedings of the Cambridge Philosophical Society*, Vol. 47, pp. 396-400.

Smith, B. T., Boyle, J. M., Dongarra, J. J., Garbow, S. S., Ikebe, Y., Klema, V. C., and Moler, C. B., 1976, *Matrix Eigensystem Routines—EISPACK Guide*, Springer-Verlag, New York.

Sneddon, I. N., 1946, "The Distribution of Stress in the Neighborhood of a Crack in an Elastic Solid," *Proceedings of the Royal Society of London*, Vol. A187, pp. 229-260.

Swenson, D. V., and Taylor, L. M., 1983, "A Finite Element Model for the Analysis of Tailored Pulse Stimulation of Boreholes," *International Journal for Numerical and Analytical Methods in Geomechanics*, Vol. 7, pp. 469-484.

Tada, H., Paris, P., and Irwin, G., 1973, *The Stress Analysis of Cracks Handbook*, Del Research Corporation, St. Louis, Mo.

Tower, M. M., Jackson, G. L., Farris, L. K., and Haight, C. H., 1987, "Hypervelocity Impact Testing Using an Electromagnetic Railgun Launcher," *International Journal of Impact Engineering*, Vol. 5, pp. 635-644.

Wang, J., and Chow, C. L., 1989, "Mixed Mode Ductile Fracture Studies With Nonproportional Loading Based on Continuum Damage Mechanics," *Journal of Engineering Materials and Technology*, Vol. 111, pp. 204-209.

Williams, M. L., and Knauss, W. G., eds., 1985, *Dynamic Fracture*, Martinus Nijhoff Publishers, Boston.

Zukas, J. A., Nicholas, T., Swift, H. F., Greszczuk, L. B., and Curran, D. R., 1982, *Impact Dynamics*, John Wiley and Sons, New York.

ERRATA

Errata on "Transient Thermal Stresses in Cylindrically Orthotropic Composite Tubes," *ASME JOURNAL OF APPLIED MECHANICS*, Vol. 56, June 1989, pp. 411-417, and on the follow-up paper, "The Initial Phase of Transient Thermal Stresses due to General Boundary Thermal Loads in Orthotropic Hollow Cylinders," *ASME JOURNAL OF APPLIED MECHANICS*, Vol. 57, Sept. 1990, pp. 719-724, both by G. A. Kardomateas.

The term q_2 was omitted in Eq. (14) of the 1989 paper and Eq. (11) of the 1990 paper, and this error carried through in the remaining of the equations, which otherwise are correct.

To account for this error, replace d_{4n} and d_{5n} in these equations (e.g., Eq. (14) of the 1989 paper and all equations thereafter that involve d_{4n} or d_{5n}) by $d_{4n}q_2$ and $d_{5n}q_2$, respectively, as well as replace q_1 by q_1/q_2 and q_3 by q_3/q_2 .