

PROCEEDINGS OF FOURTH SYMPOSIUM (INTERNATIONAL) ON DETONATION, ACR-126, 258, Office of Naval Research - Dept. of the Navy, Washington, D.C. (1965).

- 51) R. Hofmann, D. J. Andrews and D. E. Maxwell, "Computed Shock Response of Porous Aluminum," *J. Appl. Phys.* 39, 4555 (1968).
- 52) L. W. Morland, "The Propagation of Plane Irrotational Waves Through an Elastoplastic Medium," *Phil. Trans. Roy. Soc.* A251, 341 (1959).
- 53) C. D. Lundergan and W. Herrmann, *J. Appl. Phys.* 34, 2046 (1963).
- 54) L. M. Barker, C. D. Lundergan and W. Herrmann, "Dynamic Response of Aluminum," *J. Appl. Phys.* 35, 1203 (1964).
- 55) R. A. Graham and O. E. Jones, "A Summary of Hugoniot Elastic Limit Measurements," SC-R-68-1857, Sandia Corporation, Albuquerque (1968).
- 56) L. V. Al'tshuler, et al, "The Isentropic Compressibility of Aluminum, Copper, Lead, and Iron at High Pressures," *Soviet Physics-JETP* 11, 766 (1960).
- 57) D. R. Curran, "Non-Hydrodynamic Attenuation of Shock Waves in Aluminum," *J. Appl. Phys.* 34, 2677 (1963).
- 58) J. O. Erkman, "Elastoplastic Effects in the Attenuation of Shock Waves," in PROCEEDINGS OF FOURTH SYMPOSIUM (INTERNATIONAL) ON DETONATION, ACR-126, 277, Office of Naval Research, Dept. of the Navy, Washington, D.C. (1965).
- 59) A. S. Kusubov and M. van Thiel, "Dynamic Yield Strength of 2024-T4 Aluminum at 313 kbar," *J. Appl. Phys.* 40, 893 (1969).
- 60) P. J. A. Fuller and J. H. Price, "The Elasto-Plastic Release Behaviour of Magnesium at 80 Kbar," in PROCEEDINGS OF FOURTH SYMPOSIUM (INTERNATIONAL) ON DETONATION, ACR-126, 290, Office of Naval Research, Department of the Navy, Washington, D.C. (1965).

- 61) J. Wackerle, "Shock Compression of Quartz," J. Appl. Phys. 33, 922 (1962).
- 62) R. Fowles, "Dynamic Compression of Quartz," J. Geophys. Res. 72, 5729 (1967).
- 63) D. B. McWhan, "Linear Compression of  $\alpha$ -quartz to 150 kbar," J. Appl. Phys. 38, 347 (1967).
- 64) T. J. Ahrens, W. H. Gust and E. B. Royste, "Material Strength Effect in the Shock Compression of Alumina," J. Appl. Phys. 39 (1968).
- 65) T. J. Ahrens, "High Pressure Electrical Behavior and Equation of State of Magnesium Oxide from Shock Wave Experiments," J. Appl. Phys. 37, 2532 (1966).
- 66) W. P. Brooks and R. A. Graham, Bull. Am. Phys. Soc. 11, 414 (1966).
- 67) J. N. Johnson, "A Rate-Dependent Constitutive Relation for Polycrystalline Metals," Preprint, Sandia Corporation, Albuquerque, N. Mex. (1969).
- 68) J. M. Kelly and P. P. Giannis, "Distortion Dynamics and Precursor Attenuation," J. Appl. Phys. 38, 4044 (1967).
- 69) A. G. Ivanov, S. A. Novikov and V. A. Sinitzyn, "Investigation of Elastic-Plastic Waves in Explosively Loaded Iron and Steel," Soviet Physics-Solid State 5, 196 (1963).
- 70) O. E. Jones and J. R. Holland, "Effects of Grain Size on Dynamic Yielding in Explosively Loaded Mild Steel," Acta Met. 16, 1037 (1968).
- 71) O. E. Jones and J. R. Holland, "Shock Propagation in Nonreactive Porous Solids," J. Appl. Phys. 37, 3259 (1966).
- 72) R. K. Linde and D. N. Schmidt, "Shock Propagation in Nonreactive Solids," J. Appl. Phys. 35, 1771 (1964).