

35. R. L. Clendenen and H. G. Drickamer, *J. Phys. Chem. Solids* 25, 865 (1964).
36. J. W. Taylor and M. H. Rice, *J. Appl. Phys.* 34, 364 (1963).
37. J. M. Walsh, M. H. Rice, R. G. McQueen, and F. L. Yarger, *Phys. Rev.* 108, 196 (1957)
38. C. M. Fowler, F. S. Minshall, and E. G. Zukas, "A Metallurgical Method for Simplifying the Determination of Hugoniot Curves for Iron Alloys in the Two-Wave Region," in Response of Metals to High Velocity Deformation (Interscience, 1961), pp. 275-308. P. G. Shewmon and V. F. Zackay, eds.
39. T. J. Ahrens, J. T. Rosenberg, M. H. Ruderman, "Dynamic Properties of Rocks," Stanford Research Institute Report No. DASA 1868 (1966).
40. G. R. Fowles, G. E. Duvall, J. Asay, P. Bellamy, F. Feistman, D. Grady, T. Michaels, and R. Mitchell, *Rev. Sci. Instr.* 41, 984 (1970).
41. J. R. Asay, "Effects of Point Defects on Elastic Precursor Decay in Lithium Fluoride," Ph.D. Thesis, Washington State University, Pullman (1972).
42. D. R. Curran, *J. Appl. Phys.* 34, 2677 (1963).
43. J. O. Erkman and G. E. Duvall, "Elastoplasticity and the Attenuation of Shock Waves," in Proceedings of Midwestern Mechanics Conference (University of Wisconsin, Madison, August 1965).
44. T. R. Loree, C. M. Fowler, E. G. Zukas, and F. S. Minshall, *J. Appl. Phys.* 37, 1918 (1966).
45. P. C. Johnson, B. A. Stein, and R. S. Davis, *J. Appl. Phys.* 33, 557 (1962).
46. J. C. Fisher, *Acta Met.* 1, 32 (1953).
47. C. L. Magee, "The Nucleation of Martensite," in Phase Transformations (American Society for Metals, 1970), Ch. 3, pp. 115-156.
48. L. Kaufman and M. Cohen, "Thermodynamics and Kinetics of Martensitic Transformations," in Progress in Metal Physics (Pergamon Press, 1958), Vol. 7, Ch. 3, pp. 165-246.
49. W. G. Burgers, *Physica* 1, 561 (1934).
50. C. Kittel, Introduction to Solid State Physics (John Wiley & Sons, Inc., 1956).

51. J. W. Christian, The Theory of Transformation in Metals and Alloys (Pergamon Press, 1965).
52. D. McLean, Mechanical Properties of Metals (John Wiley & Sons, Inc., 1962).
53. J. Frenkel, Kinetic Theory of Liquids (Dover Publications, 1955).
54. W. Kaplan, Advanced Calculus (Addison-Wesley Publishing Co., Inc., 1959).
55. J. Burke, The Kinetics of Phase Transformations in Metals (Pergamon Press, 1965).
56. J. N. Johnson and R. W. Rhode, J. Appl. Phys. 42, 4171 (1971).
57. G. W. Swan, G. E. Duvall, and C. K. Thornhill, J. Mech. Phys. Solids 21, 215 (1973).
58. W. Band, Am. J. Phys. 29, 780 (1961).
59. J. N. Johnson, "Consideration for Calculation of Shock-Induced Phase Transformations," Sandia Laboratories Report (September 1972), SC-RR-72 0626.
60. J. N. Johnson, D. B. Hayes, and J. R. Asay, J. Phys. Chem. Solids 35, 501 (1974).
61. K. C. Seddon, "The Barr and Stroud-CP6 Rotating Mirror Streak Camera Determination of Writing Speed," in Proceedings of the 8th International Congress on High-Speed Photography, Stockholm (1968), pp. 108-111. N. R. Nilsson and L. Hogberg, eds.
62. J. K. Landre, Rev. Sci. Instr. 35, 796 (1964).
63. Y. Beers, Introduction to the Theory of Errors (Addison-Wesley Co., Inc., 1962), 2nd ed.
64. A. S. Dubovik, "Photographic Recording of High Speed Process," NASA Technical Translation No. NASA TTF-377 (1965).