

REFERENCES

- Anderson, D. H. (1965). *Bull. Am. phys. Soc.* **10**, 75.
- Ballhausen, C. J. (1962). "Introduction to Ligand Field Theory." McGraw-Hill, New York.
- Ballhausen, C. J. and Gray, H. B. (1965). "Molecular Orbital Theory." Benjamin, New York.
- Bearden, A. J., Mattern, P. L. and Hart, T. R. (1964). *Rev. mod. Phys.* **36**, 370.
- Burie, B. (1956). *Acta Cryst.* **9**, 617.
- Champion, A. R. and Drickamer, H. G. (1967a). *J. chem. Phys.* **47**, 2591.
- Champion, A. R. and Drickamer, H. G. (1967b). *Proc. natn Acad. Sci. U.S.A.* **58**, 876.
- Champion, A. R., Vaughan, R. W. and Drickamer, H. G. (1967). *J. chem. Phys.* **47**, 2583.
- Chipman, D. R. and Paskin, A. (1959). *J. appl. Phys.* **30**, 1992.
- Clementi, E. (1965). *IBM J Res. Dev. Suppl.* **9**, 2.
- Clusius, K., Franzosini, P. and Piesbergen, V. (1960). *Z. Naturf.* **15a**, 728.
- Corak, W. S., Goodman, B. B., Satterthwaite, C. B. and Wexler, A. (1956). *Phys. Rev.* **102**, 656.
- Coston, C. J., Ingalls, R. L. and Drickamer, H. G. (1966). *Phys. Rev.* **145**, 876.
- Dahl, J. P. and Ballhausen, C. J. (1961). *K. danske Vidensk. Selsk. Skr.* **33**, 39.
- Danon, J. (1966). In "Application of the Mössbauer Effect in Chemistry and Solid State Physics." International Atomic Energy Agency, Vienna.
- DeBrunner, P., Vaughan, R. W., Champion, A. R., Cohen, J., Moyzis, J. A. and Drickamer, H. G. (1966). *Rev. sci. Instr.* **37**, 1310.
- Drickamer, H. G. (1963). In "Solids under Pressure." ed by W. Paul and D. Warschauer. McGraw-Hill, New York.
- Drickamer, H. G. (1965). In "Solid State Physics." Vol. 17, ed. by F. Seitz and D. Turnbull. Academic Press, New York.
- Drickamer, H. G., Ingalls, R. L. and Coston, C. J. (1965). In "Physics of Solids at High Pressures." ed. by C. T. Tomazuka and R. M. Emrick. Academic Press, New York.
- Edge, C. K., Ingalls, R. L., Debrunner, P. G., Drickamer, H. G. and Frauenfelder, H. (1965). *Phys. Rev.* **138A**, 729.
- Flinn, P. A., McManus, G. M. and Rayne, J. A. (1961). *Phys. Rev.* **123**, 809.
- Frauenfelder, H. (1963). "The Mössbauer Effect." Benjamin, New York.
- Fung, S. C. (1968). Private communication.
- Gol'danski, V. I. (1963). In "Proceedings of the Dubna Conference on the Mössbauer Effect." Consultation Bureau Enterprises, New York.
- Graevskaya, Y. I., Iveronova, V. I. and Tarasova, V. P. (1965). *Soviet Phys. Solid St.* **7**, 1083.
- Griffith, J. S. (1964). "The Theory of Transition Metal Ions." Cambridge University Press, Cambridge.
- Höflinger, V. B. and Voitländer, J. (1963). *Z. Naturf.* **18a**, 1065, 1074.
- Housley, R. M. and Hess, F. (1966). *Phys. Rev.* **146**, 517.
- Ingalls, R. L. (1967). *Phys. Rev.* **155**, 157.
- Ingalls, R. L., dePasquali, G. and Drickamer, H. G. (1967). *Phys. Rev.* **155**, 165.
- Johnson, N. L. and Kothan, C. W. (1953). *J. Am. chem. Soc.* **75**, 3101.
- Jones, R. V. and Kaminov, I. P. (1960). *Bull. Am. phys. Soc.* **5**, 175.
- Kurkjian, C. R. and Sigety, E. A. (1964). Proceedings VII Congress on Glasses.
- Lewis, G. K., Jr. and Drickamer, H. G. (1968a). *Proc. natn. Acad. Sci.* **61**, 414.
- Lewis, G. K., Jr. and Drickamer, H. G. (1968b). *J. chem. Phys.* **49**, 3785.
- Litster, J. D. and Benedek, G. B. (1963). *J. appl. Phys.* **34**, 688.
- Maradudin, A. A. (1966). In "Solid State Physics," Vol. 18, ed. by F. Seitz and D. Turnbull. Academic Press, New York.
- Mössbauer, R. (1958a). *Z. Phys.* **151**, 124.
- Mössbauer, R. (1958b). *Naturwissenschaften* **45**, 538.
- Moyzis, J. A. and Drickamer, H. G. (1968a). *Phys. Rev.* **171**, 389.
- Moyzis, J. A. and Drickamer, H. G. (1968b). *Phys. Rev.* **172**, 655.
- Nicol, M. and Jura, G. (1963). *Science N.Y.* **141**, 1035.
- Ōno, K. and Ito, A. (1962). *J. physiol. Soc. Japan* **17**, 1012.
- Orgel, L. E. (1960). "An Introduction to Transition Metal Theory." J. Wiley and Sons, New York.
- Owen, E. A. and Williams, R. W. (1947). *Proc. R. Soc. A* **188**, 509.
- Pipkorn, D., Edge, C. K., Debrunner, P., dePasquali, G., Drickamer, H. G. and Frauenfelder, H. (1964). *Phys. Rev.* **135**, A1604.
- Pound, R. V., Benedek, G. B. and Drever, R. (1961). *Phys. Rev. Lett.* **7**, 405.
- Radebaugh, R. and Keesom, P. H. (1966). *Phys. Rev.* **149**, 209.
- Raimondi, D. L. and Jura, G. (1967). *J. appl. Phys.* **38**, 2133.
- Samara, G. and Anderson, D. H. (1963). *J. appl. Phys.* **35**, 3043.
- Simanek, E. and Stroubeck, Z. (1967). *Phys. Rev.* **163**, 275.
- Slater, J. C. (1965). "Quantum Theory of Molecules and Solids", Vol. 2. McGraw-Hill, New York.
- Stern, F. (1955). Ph.D. Thesis Princeton University (unpublished).
- Tischer, R. E. and Drickamer, H. G. (1962). *J. chem. Phys.* **37**, 1554.
- Vaughan, R. W. and Drickamer, H. G. (1967a). *J. chem. Phys.* **47**, 468.
- Vaughan, R. W. and Drickamer, H. G. (1967b). *J. chem. Phys.* **47**, 1530.
- Vaughan, R. W. (1968). Private communication.
- Walker, L. R., Wertheim, G. K. and Jaccarino, V. (1961). *Phys. Rev. Lett.* **6**, 98.
- Watson, R. E. (1959). Report 12, Solid State and Molecular Theory Group. Massachusetts Institute of Technology (unpublished).
- Wertheim, G. K. (1961). *Phys. Rev.* **124**, 764.
- Wertheim, G. K. (1964). "Mössbauer Effect: Principles and Applications." Academic Press, New York.
- Weyl, W. A. (1951). "Colored Glasses." Society of Glass Technology, Sheffield.
- Wolcott, N. M. (1955). In "Conference de Physique des Basses Températures." Inst. International du Froid, Paris.
- Wolcott, N. M. (1957). *Phil. Mag.* **2**, 1246.
- Worley, R. D., Zemansky, M. W. and Boorse, H. A. (1955). *Phys. Rev.* **99**, 447.
- Worlton, T. G. and Decker, D. L. (1968). *Phys. Rev.* **171**, 596.
- Worlton, T. G., Bennion, R. B. and Brugger, R. M. (1967). *Phys. Rev. Lett.* **A24**, 653.
- Zahner, J. C. and Drickamer, H. G. (1961). *J. chem. Phys.* **35**, 375.