

REFERENCES

- Brafman, H., Greenshpan, M., and Herber, R.H. "A constant Acceleration Fly-Back Mössbauer Spectrometer". Nucl. Instr. and Meth. 42(1966) : 245.
- Cohen, R.L., McMullin, P.G., and Wertheim, G.K. "High Velocity Drive for Mössbauer Experiments". Rev. Sci. Instr. 34(1963) : 671.
- Cohen, R.L. "Improvements on Electromagnetic Velocity Drive for Mössbauer Experiments". Rev. Sci. Instr. 37 (1966) : 957.
- Evans, B.J. "Magnetic Hyperfine Interactions in Some Spinel Ferrites". Mössbauer Effect Methodology 4 (1968) : 139.
- Greenwood, N.N., and Gibb, T.C. Mössbauer Spectroscopy. London : Chapman and Hall Ltd., 1971.
- Kaindl, G., Maier, M.R., Schaller, H., and Wagner, F. "A Mössbauer Spectrometer for the Measurement of Small Isomer Shifts". Nucl. Instr. and Meth. 66(1968) : 277.
- Kalvius, G.M., and Kankeleit, E. "Recent Improvements in Instrumentation and Methods of Mössbauer Spectroscopy". Mössbauer Spectroscopy and Its applications. Vienna : Internal Atomic Energy Agency, 1972.
- Kaneyoshi, T. "Contribution of the Theory of a Dilute Heisenberg Ferromagnet". Prog. Theor. Phys. 44(1970) : 328.

- Kankeleit, E. "Feedback in Electromechanical Drive Systems". Mössbauer Effect Methodology 1(1965) : 47.
- Kankeleit, E. "Velocity Spectrometer for Mössbauer Experiments". Rev. Sci. Instr. 35 (1964) : 194..
- Kittel, C. Quantum Theory of Solids. New York : John Wiley & Sons, Inc., 1963.
- May, L., ed. An Introduction to Mössbauer Spectroscopy. New York-London : Plenum Press, 1971.
- von Meerwall, E. "A Least-squares Spectral Curve Fitting Routine for Strongly Overlapping Lorentzians or Gaussians". Comp. Phys. Commu. 9(1975) : 117.
- Mössbauer, R.L. "Kernresonanzfluoreszenz von Gammastrahlung in ^{191}Ir ". Z. Physik 151 (1958) : 124.
- Preston, R.S., Hanna, S.S., and Heberle, J. "Mössbauer Effect in Metallic Iron". Phys. Rev. 128 (1962) : 2207.
- Petitt, G.A., and Forester, D.W. "Mössbauer Study of Cobalt-Zinc Ferrites". Phys Rev. B 4(1971) : 3912.
- Rubin, D. "Constant Acceleration Transducer Employing Negative Feedback for Use in Mössbauer Experiments". Rev. Sci. Instr. 33(1962) : 1358.
- Sauer, W.E., and Reynik, R.J. "Solid-Solution Strengthening in Fe-Cr Alloys Using Mössbauer Spectroscopy". Mössbauer Effect Methodology 4(1968) : 201.

Sawatzky, G.A., Van Der Woude, F., and Morrish, A.H. "Mössbauer Study of Several Ferrimagnetic Spinels". Phys. Rev. 187(1969) : 747.

Stephenson, A. "Spontaneous Magnetization Curves and Curie Points of Spinels Containing Two Types of Magnetic Ion". Phil. Mag. 25 (1972) : 1213.

Tang, I.M. Mahidol University, Private Communication.

Wertheim, G.K. Mössbauer Effect : Principles and Applications. New York and London : Academic Press, 1972.

Wohlfarth, E.P., ed. Experimental Methods in Magnetism. Vol. 4, pp. 235 - 263. Amsterdam : North-Holland Publishing Co., 1967.

Zane, R. "Mössbauer Effect Velocity Drive Linearized by Shape Correction". Nucl. Instr. and Meth. 43 (1966) : 333.

VITA

Name Mr. Kajornyod Yoodee

Born October 27, 1952

Pichitr

Degree B.S. in Physics, April, 1974

Chiengmai University

Chiengmai, Thailand

