

## Suggestions for Additional Reading

### I) Conference Proceedings

- 1) Advances in Cryogenic Engineering, Volumes 1 – 59, Plenum Press & AIP Press

These are the proceedings of the Cryogenic Engineering Conference / International Cryogenic Materials Conference which is held biannually (odd years) in North America.

- 2) Proceedings of the International Cryogenic Engineering Conference

These are the proceedings of the International Cryogenic Engineering Conference which is held biannually (even years) in Europe or Asia

- 3) Applied Superconductivity Conference, IEEE Transactions on Magnetics
- 4) Proceedings of the Magnet Technology Conference

### II) Periodicals

- 1) *Cryogenics*, Elsevier Science – Monthly refereed journal covering all aspects of cryogenic engineering and science
- 2) *Journal of Low Temperature Physics*, Plenum Press – Monthly refereed journal covering fundamental aspects of cryogenics. This journal contains more physics and less engineering than *Cryogenics*

### III) Books

- 1) Cryogenic Regenerative Heat Exchangers, R. Ackermann, Plenum Press, (1997)
- 2) Cryogenic Systems, R. Barron, Oxford University Press, (1985)
- 3) Cryogenic Heat Transfer, R. Barron, Taylor and Francis, (1999)
- 4) Cryogenic Two-Phase Flow, N.N. Filina & J. G. Weisend II, Cambridge University Press, (1996)
- 5) Cryogenic Engineering, T.M. Flynn, Dekker (1997)
- 6) Experimental Techniques for Low Temperature Measurements, J. W. Ekin, Oxford University Press, (2006)
- 7) Heat Transfer at Low Temperatures, W. Frost, Plenum Press (1975)
- 8) Technology of Liquid Helium, R. Kropschot, B. Birmingham, D. Mann, NBS Monograph, (1968)

- 9) Experimental Principles & Methods Below 1 K, O. V. Lounasmaa, Academic Press (1974)
- 10) Low Temperature Solid State Physics – H. M. Rosenberg, Clarendon Press
- 11) Cryogenic Engineering, R. Scott, Met-Chem, (1963)
- 12) Safety in the Handling of Cryogenic Fluids, W. Stewart & F. Edeskuty, Plenum Press (1996)
- 13) Cryogenic Process Engineering, K. Timmerhaus & T. Flynn, Plenum Press (1989)
- 14) Helium Cryogenics , S. W. Van Sciver, 2<sup>nd</sup> Edition, Springer (2012)
- 15) Cryocoolers Part I: Fundamentals, Part II: Applications, G. Walker, Plenum Press, (1983)
- 16) Handbook of Cryogenic Engineering, J. G. Weisend II (Ed), Taylor and Francis (1998)
- 17) Experimental Techniques in Low Temperature Physics, G. White, Oxford University Press (1979)
- 18) Engineering Superconductivity, P. Lee (Ed), Wiley Interscience (2001)

#### **IV) Buyer's Guides**

- 1) Cold Facts Buyer's Guide – Cryogenic Society of America  
[http://www.cryogenicsociety.org/buyers\\_guide/](http://www.cryogenicsociety.org/buyers_guide/)
- 2) Physics Today Buyer's Guide <http://www.physicstoday.org/ptbg/search.jsp>