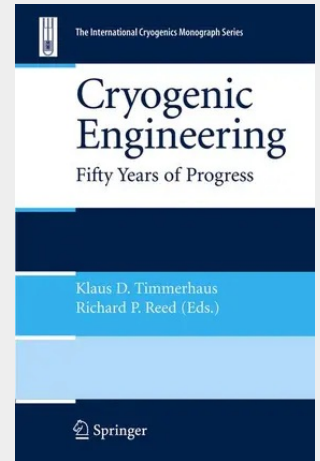


Cryogenic Engineering

Fifty Years of Progress

Cryogenic Engineering: Fifty Years of Progress is a benchmark reference work which chronicles the major developments in the field. Starting with an historical background dating to the 1850s, this book reviews the development of data resources now available for cryogenic fields and properties of materials. The advances in cryogenic fundamentals are covered by reviews of cryogenic principles, cryogenic insulation, low-loss storage systems, modern liquefaction processes, helium cryogenics and low-temperature thermometry. Several well-established applications resulting from cryogenic advances include aerospace cryocoolers and refrigerators, use of LTS and HTS systems in electrical applications, and recent changes in cryopreservation. Extensive references are provided for the readers interested in the details of these cryogenic engineering advances.

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