



Thermal Properties of Solids at Room and Cryogenic Temperatures (International Cryogenics Monograph Series)

Guglielmo Ventura, Mauro Perfetti

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The minimum temperature in the natural universe is 2.7 K. Laboratory refrigerators can reach temperatures in the microkelvin range. Modern industrial refrigerators cool foods at 200 K, whereas space mission payloads must be capable of working at temperatures as low as 20 K. Superconducting magnets used for NMR work at 4.2 K.

Hence the properties of materials must be accurately known also at cryogenic temperatures.

This book provides a guide for engineers, physicists, chemists, technicians who wish to approach the field of low-temperature material properties. The focus is on the thermal properties and a large spectrum of experimental cases is reported. The book presents updated tables of low-temperature data on materials and a thorough bibliography supplements any further research.

Key Features include:

- Detailed technical description of experiments
- Description of the newest cryogenic apparatus
- Offers data on cryogenic properties of the latest new materials
- Current reference review

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Michele Reynolds:

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Sandra Earnhardt:

Playing with family inside a park, coming to see the ocean world or hanging out with buddies is thing that usually you might have done when you have spare time, after that why you don't try thing that really opposite from that. A single activity that make you not experience tired but still relaxing, trilling like on roller coaster you already been ride on and with addition associated with. Even you love Thermal Properties of Solids at Room and Cryogenic Temperatures (International Cryogenics Monograph Series), it is possible to enjoy both. It is good combination right, you still wish to miss it? What kind of hang-out type is it? Oh can occur its mind hangout guys. What? Still don't get it, oh come on its known as reading friends.

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Charles Krueger:

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