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Nota di contenuto	Front Cover; Contents; Preface; Contributors; Chapter 1: Properties of Nanofluid; Chapter 2: Exact Solutions and Their Implications in Anomalous Heat Transfer; Chapter 3: Mechanisms and Models of Thermal Conductivity in Nanofluids; Chapter 4: Experimental Methods for the Characterization of Thermophysical Properties of Nanofluids; Chapter 5: Nanofluid Forced Convection; Chapter 6: Experimental Study of Convective Heat Transfer in Nanofluids; Chapter 7: Performance of Heat Exchangers Using Nanofluids; Chapter 8: Thermal Nanofluid Flow in Microchannels with Applications Chapter 9: Use of Nanofluids for Heat Transfer Enhancement in Mixed Convection Chapter 10: Buoyancy-Driven Convection of Enclosed Nanoparticle Suspensions; Chapter 11: Modeling Convection in Nanofluids; Chapter 12: Convection and Instability Phenomena in Nanofluid-Saturated Porous Media; Chapter 13: Nanofluid Two-Phase Flow and Heat Transfer; Chapter 14: Heat Pipes and Thermosyphons Operated with Nanofluids; Chapter 15: Entropy Generation Minimization in Nanofluid Flow; Chapter 16: Gas-Based Nanofluids (Nanoaerosols); Color Insert; Back Cover

Properties of Nanofluid Samuel Paolucci and Gianluca Politi
Exact Solutions and Their Implications in Anomalous Heat Transfer Wenhao Li, Chen Yang and Akira Nakayama
Mechanisms and Models of Thermal Conductivity in Nanofluids Seung-Hyun Lee and Seok Pil Jang
Experimental Methods for the Characterization of Thermophysical Properties of Nanofluids Sergio Bobbo and Laura Fedele
Nanofluid Forced Convection Gilles Roy
Experimental Study of Convective Heat Transfer in Nanofluids Ehsan B. Haghighi, Adi T. Utomo, Andrzej W. Pacek and Björn E. Palm
Performance of Heat Exchangers Using Nanofluids Bengt Sundén and Za
