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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 |

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