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Lingua di pubblicazione	Inglese
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Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	1. Governing equations -- 2. Steady natural and mixed convection flow in viscous fluids over wavy vertical wall -- 3. Steady natural convection flow in fluid-saturated porous media over wavy vertical wall -- 4. Natural convective flow of a viscous fluid in a wavy vertical channel -- 5. Forced convective flow in a wavy horizontal channel -- 6. Convective flow in a wavy tube -- 7. Natural convection flow saturated with nanoparticles in wavy-walled cavities -- 8. Natural convection flow saturated with nanoparticles in wavy-walled porous cavities.
Sommario/riassunto	Convective Flow and Heat Transfer from Wavy Surfaces: Viscous Fluids, Porous Media, and Nanofluids addresses the wavy irregular surfaces in heat transfer devices. Fluid flow and heat transfer studies from wavy surfaces have received attention, since they add complexity and require special mathematical techniques. This book considers the flow and heat transfer characteristics from wavy surfaces, providing an understanding

of convective behavioral changes.

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