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Titolo	Theoretical, computational, and experimental solutions to thermo-fluid systems : select proceedings of ICITFES 2020 // Muthukumar Palanisamy, Velraj Ramalingam, Murugan Sivalingam, editors
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Collana	Lecture notes in mechanical engineering
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Soggetti	Fluid mechanics Thermodynamics Heat - Transmission
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Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	Numerical Investigation on Heat Transfer Characteristics of a Triangular Slotted Pin Fin Heat Sink -- Heat Transfer Analysis of an Equilateral Triangular Slotted Pin Fin: An Experimental Work -- Thermo-fluid performance evaluation of an Elliptical Tube Type Fin-And-Tube Heat Exchanger Supported with Winglets -- Experimental Analysis of a Cross Flow Heat Exchanger Using Elliptical shape Tube for Air Side Heat Recovery -- An experimental investigation of Tube-in-Tube type heat exchanger to enhance heat transfer using titanium oxide TiO ₂ -water nanofluid.
Sommario/riassunto	This book presents select proceedings of the International Conference on Innovations in Thermo-Fluid Engineering and Sciences (ICITFES 2020). It covers topics in theoretical and experimental fluid dynamics, numerical methods in heat transfer and fluid mechanics, different modes of heat transfer, multiphase flow, fluid machinery, fluid power, refrigeration and air conditioning, and cryogenics. The book will be helpful to the researchers, scientists, and professionals working in the field of fluid mechanics and machinery, and thermal engineering.