

1. Record Nr.	UNINA9910484100703321
Titolo	Advances in Fluid Dynamics : Selected Proceedings of ICAFD 2018 // edited by B. Rushi Kumar, R. Sivaraj, J. Prakash
Pubbl/distr/stampa	Singapore : , : Springer Nature Singapore : , : Imprint : Springer, , 2021
ISBN	981-15-4308-9
Edizione	[1st ed. 2021.]
Descrizione fisica	1 online resource (XVII, 1040 p. 708 illus., 582 illus. in color.)
Collana	Lecture Notes in Mechanical Engineering, , 2195-4364
Disciplina	016.53653
Soggetti	Fluid mechanics Thermodynamics Heat engineering Heat - Transmission Mass transfer Continuum mechanics Engineering mathematics Engineering - Data processing Engineering Fluid Dynamics Engineering Thermodynamics, Heat and Mass Transfer Continuum Mechanics Mathematical and Computational Engineering Applications
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	Fluid Motion in Finite Length Tubes in Peristaltic Pumps -- An Analytical Study of Aerosol Dispersion in the Atmosphere Bounded by Porous Layers -- Solution of Burger's Equation with VIM and HPM -- Comparison Analysis through Condition Monitoring for Fault Detection of Bearing in Induction Motor -- Influence of Thin Baffle and Magnetic Field on Buoyant Convection in a Vertical Annulus -- Rotary Oscillations of a Permeable Sphere in an Incompressible Couple Stress Fluid -- Convex Cylindrical Surface Modified Rayleigh Waves -- Nonlinear Kelvin-Helmholtz instability of Viscous Fluids with Heat and Mass Transfer -- Non-linear Radiative Williamson Fluid Against a Wedge with Aligned Magnetic Field -- Computational Analysis of Unsteady MHD

flow of Third Grade Fluid between Two Infinitely Long Porous Plates --
Nonlinear Unsteady Marangoni-Convection with Variable Properties --
Water Wave Motion Due to Rolling of a Surface Piercing Porous Plate --
The non-Newtonian Fluid Flow in an Inclined Channel with Variable
Permeability -- The Stationary Analysis of A Multi Server Fluid
Queueing Model With Unreliable Server.

Sommario/riassunto

This book comprises selected peer-reviewed proceedings of the International Conference on Applications of Fluid Dynamics (ICAFD 2018) organized by the School of Advanced Sciences, Vellore Institute of Technology, India, in association with the University of Botswana and the Society for Industrial and Applied Mathematics (SIAM), USA. With an aim to identify the existing challenges in the area of applied mathematics and mechanics, the book emphasizes the importance of establishing new methods and algorithms to address these challenges. The topics covered include diverse applications of fluid dynamics in aerospace dynamics and propulsion, atmospheric sciences, compressible flow, environmental fluid dynamics, control structures, viscoelasticity and mechanics of composites. Given the contents, the book is a useful resource for students, researchers as well as practitioners.

2. Record Nr.	UNIORUON00455272
Titolo	L' antiquité / Hédi Slim, Ammar Mahjoubi, Khaled Belkhodja ; illustrations, cartes et plans réunis et commentés par Abdelmajid Ennabli
Pubbl/distr/stampa	Tunis, : Sud Éditions, 2003
ISBN	99-7384-421-1
Descrizione fisica	460 p. : ill., [1] c. ripieg. ; 24 cm
Disciplina	939.73
Soggetti	Tunisia - Storia antica
Lingua di pubblicazione	Francese
Formato	Materiale a stampa
Livello bibliografico	Monografia