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| 1. Record Nr.           | UNINA9910830126003321                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Autore                  | Rahimi Saeed                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Titolo                  | Distributed database management systems : a practical approach / /<br>Saeed K. Rahimi, Frank S. Haug                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Pubbl/distr/stampa      | Hoboken, New Jersey : , : Wiley, , c2010<br>[Piscataway, New Jersey] : , : IEEE Xplore, , [2010]                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
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| Altri autori (Persone)  | HaugFrank S                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Disciplina              | 005.758                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Soggetti                | Bases de dades distribuïdes<br>Bases de dades - Gestió<br>Llibres electrònics                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Lingua di pubblicazione | Inglese                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
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| Livello bibliografico   | Monografia                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Note generali           | Description based upon print version of record.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
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## Sommario/riassunto

Unique coverage of traditional database theory and current research for building easier-to-manage distributed database systems. A distributed database management system (DDBMS) is a layer of software, implemented on top of existing database management systems, allowing users transparent access to information dispersed across a network. This book addresses the architectural and platform issues on the design and development of a DDBMS, guiding readers in building their own systems in real-world environments. Distributed Database Management Systems is divided into three units. The first provides a theoretical foundation for understanding the internal processing of the DDBMS available to address these issues. The second unit presents the "state of the practice," examining the architectural alternatives that practitioners will likely encounter in the real world and exploring the general requirements for any platform capable of implementing a DDBMS architectural alternative-including those yet to be invented. The final unit focuses on distributed database implementation, examining three platforms suitable for the development of a real DDBMS system-the Java Message Service (JMS), the Java 2 Enterprise Edition (J2EE), and the Microsoft .NET Framework. For each, a "starter kit" is provided (containing a detailed overview and an extensible framework) and discussed in detail.

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| 2. Record Nr.           | UNINA9911049106003321                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Autore                  | Sikarwar Basant Singh                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Titolo                  | Advances in Fluid and Thermal Engineering : Select Proceedings of FLAME 2024 // edited by Basant Singh Sikarwar, Sanjeev Kumar Sharma, Krishna Mohan Singh                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Pubbl/distr/stampa      | Singapore : , : Springer Nature Singapore : , : Imprint : Springer, , 2026                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
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| Edizione                | [1st ed. 2026.]                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Descrizione fisica      | 1 online resource (898 pages)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Collana                 | Lecture Notes in Mechanical Engineering, , 2195-4364                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Disciplina              | 660                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Soggetti                | Production engineering<br>Soft condensed matter<br>Electric power production<br>Thermal Process Engineering<br>Fluids<br>Mechanical Power Engineering                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Lingua di pubblicazione | Inglese                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Formato                 | Materiale a stampa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Livello bibliografico   | Monografia                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Nota di contenuto       | Chapter 1.Natural Convection Heat Transfer Enhancement -- Chapter 2. Single Gas Bubble Rising in Liquid Column -- Chapter 3.Density Determination in Microchannel Cooling -- Chapter 4.Effect of Flow Maldistribution on Thermal Performance -- Chapter 5.Water-Cooled Mini-channel Heat Sink -- Chapter 6.Thermodynamic Analysis of Biomass Gasification-Based Power Generation System -- Chapter 7. Fluid machinery and Fluid Power -- Chapter 8.Air-Film Blade Cooled Gas Turbine Cycle -- Chapter 9.Atmospheric flows and Highly Confined Flow -- Chapter 10.Biological heat and mass transfer -- Chapter 11. Thermal and Hydrological Properties During Water Flow -- Chapter 12. Ultra-Fast Cooling of Flat Metal Pate -- Chapter 13.Combustion and reactive flows -- Chapter 14.Induce Draught in Cold Storage -- Chapter 15.Thermoelectric Generator Unit for Efficient Waste Heat Recovery -- Chapter 16.Electronic and photonic cooling -- Chapter 17. Pool Boiling Using Nanofluids -- Chapter 18.Fluid Flow Pattern in Cryogenic Radial Turbine -- Chapter 19. A Thermal Analysis of Herbs Drying. |

This book presents select proceedings of 4th Biennial International Conference on Future Learning Aspects for Mechanical Engineering (FLAME 2024). It covers the fluid and thermal engineering areas such as heat transfer enhancement and heat transfer equipment, heat transfer in nuclear applications, microscale and nanoscale transport, multiphase transport and phase change, multi-mode heat transfer, numerical methods in fluid mechanics and heat transfer, refrigeration and air conditioning, thermodynamics, space heat transfer, transport phenomena in porous media, turbulent transport, theoretical fluid dynamics, experimental fluid dynamics, computational fluid dynamics, turbomachinery and fluid power, etc. This book is a useful reference guide for researchers and professionals in thermal and fluid engineering. .

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