1. Record Nr. UNISANNIOMIL0595610

Titolo	Introduction to thermal systems engineering : thermodynamics, fluid mechanics, and heat transfer / Michael J. Moran ... [et al.]
Pubbl/distr/stampa	New York, : Wiley & Sons, [2003]
ISBN	0471204900 9780471204909
Descrizione fisica	VIII, 562 p. : ill. ; 26 cm + 1 CD-ROM.
Disciplina	621.402
Soggetti	Termodinamica Calore - Trasmissione Fluidi - Meccanica
Collocazione	SALA DING 621.402 INTTTS
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia

2. Record Nr. UNINA9910674347903321

Titolo	Machine Learning Empowered Intelligent Data Center Networking : Evolution, Challenges and Opportunities / / by Ting Wang, Bo Li, Mingsong Chen, Shui Yu
Pubbl/distr/stampa	Singapore : , : Springer Nature Singapore : , : Imprint : Springer, , 2023
ISBN	9789811973956 9811973954
Edizione	[1st ed. 2023.]
Descrizione fisica	1 online resource (123 pages)
Collana	SpringerBriefs in Computer Science, , 2191-5776
Disciplina	006.3
Soggetti	Cloud computing Computer networks Artificial intelligence Machine learning Telecommunication Cloud Computing Computer Communication Networks Artificial Intelligence Machine Learning Communications Engineering, Networks
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Chapter 1: Introduction -- Chapter 2: Fundamentals of Machine Learning in Data Center Networks -- Chapter 3: Machine Learning Empowered Intelligent Data Center Networking -- Chapter 4: Insights, Challenges, and Opportunities -- Chapter 5: Conclusion.
Sommario/riassunto	An Introduction to the Machine Learning Empowered Intelligent Data Center Networking Fundamentals of Machine Learning in Data Center Networks. This book reviews the common learning paradigms that are widely used in data centernetworks, and offers an introduction to data collection and data processing in data centers. Additionally, it proposes a multi-dimensional and multi-perspective solution quality assessment system called REBEL-3S. The book offers readers a solid foundation for

conducting research in the field of AI-assisted data center networks. Comprehensive Survey of AI-assisted Intelligent Data Center Networks. This book comprehensively investigates the peer-reviewed literature published in recent years. The wide range of machine learning techniques is fully reflected to allow fair comparisons. In addition, the book provides in-depth analysis and enlightening discussions on the effectiveness of AI in DCNs from various perspectives, coveringflow prediction, flow classification, load balancing, resource management, energy management, routing optimization, congestion control, fault management, and network security. Provides a Broad Overview with Key Insights. This book introduces several novel intelligent networking concepts pioneered by real-world industries, such as Knowledge Defined Networks, Self-Driving Networks, Intent-driven Networks and Intent-based Networks. Moreover, it shares unique insights into the technological evolution of the fusion of artificial intelligence and data center networks, together with selected challenges and future research opportunities.