

1. Record Nr.	UNINA9910163863803321
Autore	Maree Jacinta
Titolo	Time weaver : heart of cogs / / Jacinta Maree
Pubbl/distr/stampa	[Chicago, Illinois] : , : Ragnarok Publications, , 2017 ©2017
ISBN	1-944760-10-5 1-941987-88-5
Descrizione fisica	1 online resource (259 pages)
Collana	The Time Collector Series ; ; Book 1
Disciplina	808.83876
Soggetti	Fantasy fiction
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia

2. Record Nr.	UNINA9910864186303321
Autore	Li Gang
Titolo	Efficient Online Incentive Mechanism Designs for Wireless Communications // by Gang Li, Jun Cai
Pubbl/distr/stampa	Cham : , : Springer Nature Switzerland : , : Imprint : Springer, , 2024
ISBN	3-031-58453-8
Edizione	[1st ed. 2024.]
Descrizione fisica	1 online resource (XIII, 110 p. 32 illus., 29 illus. in color.)
Collana	SpringerBriefs in Computer Science, , 2191-5776
Disciplina	621.384
Soggetti	Computer networks Wireless communication systems Mobile communication systems Computer Communication Networks Wireless and Mobile Communication
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Chapter 1 Introduction of Online Incentive Mechanism in Wireless Communications -- Chapter 2 Linear Online Incentive Mechanism Design Case Study of Crowdsensing with Random Task Arrivals -- Chapter 3 Nonlinear Online Incentive Mechanism Design: Case Study of Edge Computing with Energy Budget -- Chapter 4 Online Incentive Mechanism Design for Real-time Decision Making: Case Study of Collaborative Task Offloading in Mobile Edge Computing -- Chapter 5 Conclusions and Future Research Directions.
Sommario/riassunto	This book initially delves into its fundamentals to initiate the exploration of online incentive mechanisms in wireless communications. Three case studies are provided to elaborate details on designing online mechanism design in practical system. For crowdsensing with random task arrivals, this book introduces a linear online incentive mechanism model with insurance of the quality of information for each incoming task. In the context of edge computing systems, the authors model a nonlinear online incentive mechanism with the consideration of mobile users' energy budget constraints. It also explores online incentive mechanism for collaborative task offloading in mobile edge computing to achieve on-arrival instant

responses. This book not only disseminates current knowledge but also sheds light on future research directions. The design of incentive mechanisms in wireless communication systems is of paramount importance as it encourages dormant terminals within networks to contribute their valuable resources. The consideration of randomness of network processes enhances the mechanism design under online settings and decision making on the fly. This book endeavours to bridge existing knowledge gaps by comprehensively presenting and developing fundamental insights into online incentive mechanisms and their design methods in the realm of wireless communications. It's one of the first books to provide a comprehensive understanding of the fundamental principles of online incentive mechanisms and their intricately designed methods in the dynamic world of wireless communications. Future research directions include an investigation in the evolving domain of online incentive mechanism designs within wireless communications. This book strikes a balance between theoretical knowledge and practical application, making it a valuable resource for both researchers and practitioners in the field of wireless communications and network economics. Advanced-level students majoring in computer science and/or electrical engineering will want to purchase this book as a study guide.
