1. Record Nr. UNISA996464394103316

Autore	Gao Longxiang
Titolo	Privacy-preserving in edge computing / / Longxiang Gao [and four others]
Pubbl/distr/stampa	Gateway East, Singapore : , : Springer, , [2021] ©2021
ISBN	981-16-2199-3
Edizione	[1st ed. 2021.]
Descrizione fisica	1 online resource (XII, 113 p. 59 illus., 39 illus. in color.)
Collana	Wireless Networks, , 2366-1186
Disciplina	005.365
Soggetti	Application software
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Chapter 1 An Introduction to Edge Computing -- Chapter 2 Privacy Issues in Edge Computing.-Chapter 3 Context-Aware Privacy-Preserving in Edge Computing -- Chapter 4 Location-Aware Privacy Preserving in Edge Computing -- Chapter 5 Blockchain based Decentralized Privacy Preserving in Edge Computing -- Chapter 6 Conclusion and Future Research Issues.
Sommario/riassunto	With the rapid development of big data, it is necessary to transfer the massive data generated by end devices to the cloud under the traditional cloud computing model. However, the delays caused by massive data transmission no longer meet the requirements of various real-time mobile services. Therefore, the emergence of edge computing has been recently developed as a new computing paradigm that can collect and process data at the edge of the network, which brings significant convenience to solving problems such as delay, bandwidth, and off-loading in the traditional cloud computing paradigm. By extending the functions of the cloud to the edge of the network, edge computing provides effective data access control, computation, processing and storage for end devices. Furthermore, edge computing optimizes the seamless connection from the cloud to devices, which is considered the foundation for realizing the interconnection of everything. However, due to the open features of edge computing, such as content awareness, real-time computing and parallel processing, the existing problems of privacy in the edge

computing environment have become more prominent. The access to multiple categories and large numbers of devices in edge computing also creates new privacy issues. In this book, we discuss on the research background and current research process of privacy protection in edge computing. In the first chapter, the state-of-the-art research of edge computing are reviewed. The second chapter discusses the data privacy issue and attack models in edge computing. Three categories of privacy preserving schemes will be further introduced in the following chapters. Chapter three introduces the context-aware privacy preserving scheme. Chapter four further introduces a location-aware differential privacy preserving scheme. Chapter five presents a new blockchain based decentralized privacy preserving in edge computing. Chapter six summarize this monograph and propose future research directions. In summary, this book introduces the following techniques in edge computing: 1) describe an MDP-based privacy-preserving model to solve context-aware data privacy in the hierarchical edge computing paradigm; 2) describe a SDN based clustering methods to solve the location-aware privacy problems in edge computing; 3) describe a novel blockchain based decentralized privacy-preserving scheme in edge computing. These techniques enable the rapid development of privacy-preserving in edge computing. .

2.

Record Nr.	UNISALENTO991001680889707536
Autore	Pinnavaia, Laura
Titolo	The Italian Borrowings in the Oxford English Dictionary : a lexicographical, linguistic, and cultural analysis / Laura Pinnavaia
Pubbl/distr/stampa	Roma : Bulzoni Editore, c2001
ISBN	8883196252
Descrizione fisica	319 p. ; 21 cm.
Collana	Biblioteca di Anglistica ; v. 5
Disciplina	422.451
Soggetti	Lingua inglese - Elementi stranieri Lessicologia Lessicografia Lingua inglese - Italianismi
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Contiene riferimenti bibliografici

3.

Record Nr.	UNINA9910789719303321
Autore	McCann Kevin S (Kevin Shear), <1964->
Titolo	Food webs [[electronic resource] /] / Kevin S. McCann
Pubbl/distr/stampa	Princeton, NJ, : Princeton University Press, 2012
ISBN	1-283-29071-5 9786613290717 1-4008-4068-6
Edizione	[Course Book]
Descrizione fisica	1 online resource (389 p.)
Collana	Monographs in population biology
Classificazione	SCI020000SCI008000
Disciplina	577/.16
Soggetti	Food chains (Ecology) Biotic communities
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Front matter -- Contents -- Preface -- Part 1. The Problem and the Approach -- CHAPTER ONE. The Balance of Nature: What Is It and Why Care? -- CHAPTER TWO. A Primer for Dynamical Systems -- CHAPTER THREE. Of Modules, Motifs, and Whole Webs -- Part 2. Food Web Modules: From Populations to Small Food Webs -- CHAPTER FOUR. Excitable and Nonexcitable Population Dynamics -- CHAPTER FIVE. Consumer-Resource Dynamics: Building Consumptive Food Webs -- CHAPTER SIX. Lagged Consumer-Resource Dynamics -- CHAPTER SEVEN. Food Chains and Omnivory -- CHAPTER EIGHT. More Modules -- Part 3. Toward Whole Systems -- CHAPTER NINE. Coupling Modules in Space: A Landscape Theory -- CHAPTER TEN. Classic Food Web Theory -- CHAPTER ELEVEN. Adding the Ecosystem -- CHAPTER TWELVE. Food Webs as Complex Adaptive Systems -- Bibliography -- Index
Sommario/riassunto	Human impacts are dramatically altering our natural ecosystems but the exact repercussions on ecological sustainability and function remain unclear. As a result, food web theory has experienced a proliferation of research seeking to address these critical areas. Arguing that the various recent and classical food web theories can be looked at collectively and in a highly consistent and testable way, Food Webs synthesizes and reconciles modern and classical perspectives into

a general unified theory. Kevin McCann brings together outcomes from population-, community-, and ecosystem-level approaches under the common currency of energy or material fluxes. He shows that these approaches--often studied in isolation--all have the same general implications in terms of population dynamic stability. Specifically, increased fluxes of energy or material tend to destabilize populations, communities, and whole ecosystems. With this understanding, stabilizing structures at different levels of the ecological hierarchy can be identified and any population-, community-, or ecosystem-level structures that mute energy or material flow also stabilize systems dynamics. McCann uses this powerful general framework to discuss the effects of human impact on the stability and sustainability of ecological systems, and he demonstrates that there is clear empirical evidence that the structures supporting ecological systems have been dangerously eroded. Uniting the latest research on food webs with classical theories, this book will be a standard source in the understanding of natural food web functions.