1. Record Nr. UNINA9910672446803321

Autore	Cheng Lei
Titolo	Bayesian tensor decomposition for signal processing and machine learning : modeling, tuning-free algorithms and applications / / Lei Cheng, Zhongtao Chen, and Yik-Chung Wu
Pubbl/distr/stampa	Cham, Switzerland : , : Springer, , [2023] ©2023
ISBN	3-031-22438-8
Edizione	[1st ed. 2023.]
Descrizione fisica	1 online resource (189 pages)
Disciplina	006.31
Soggetti	Machine learning - Statistical methods Signal processing - Statistical methods
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Tensor decomposition: Basics, algorithms, and recent advances -- Bayesian learning for sparsity-aware modeling -- Bayesian tensor CPD: Modeling and inference -- Bayesian tensor CPD: Performance and real-world applications -- When stochastic optimization meets VI: Scaling Bayesian CPD to massive data -- Bayesian tensor CPD with nonnegative factors -- Complex-valued CPD, orthogonality constraint and beyond Gaussian noises -- Handling missing value: A case study in direction-of-arrival estimation -- From CPD to other tensor decompositions.
Sommario/riassunto	This book presents recent advances of Bayesian inference in structured tensor decompositions. It explains how Bayesian modeling and inference lead to tuning-free tensor decomposition algorithms, which achieve state-of-the-art performances in many applications, including blind source separation; social network mining; image and video processing; array signal processing; and, wireless communications. The book begins with an introduction to the general topics of tensors and Bayesian theories. It then discusses probabilistic models of various structured tensor decompositions and their inference algorithms, with applications tailored for each tensor decomposition presented in the corresponding chapters. The book concludes by looking to the future, and areas where this research can be further developed. Bayesian

Tensor Decomposition for Signal Processing and Machine Learning is suitable for postgraduates and researchers with interests in tensor data analytics and Bayesian methods.

2. Record Nr. UNINA9910830355803321

Titolo	Estuarine ecology / / edited by John W. Day Jr. [and three others]
Pubbl/distr/stampa	Hoboken, New Jersey : , : Wiley-Blackwell, , 2013 ©2013
ISBN	1-118-41278-8 1-118-39190-X 1-283-64437-1 1-118-39191-8
Edizione	[2nd ed.]
Descrizione fisica	1 online resources (xiv, 550 pages)
Classificazione	SCI020000
Disciplina	577.7/86
Soggetti	Estuarine ecology
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
Nota di bibliografia	Includes bibliographical references at the end of each chapters and index.
Nota di contenuto	Machine generated contents note: 1. Introduction to Estuarine Ecology John W. Day, Jr., Alejandro Yañez-Arancibia, W. Michael Kemp, and Byron C. Crump 2. Estuarine Geomorphology and Coastal Hydrology Gregg A. Snedden, Jaye E. Cable, and Bjorn Kjerfve 3. Estuarine Chemistry Thomas S. Bianchi 4. Estuarine Phytoplankton Hans W. Paerl and Dubravko Justi 5. Seagrass and Related Submersed Vascular Plants Jens Borum, Renee K. Gruber, and W. Michael Kemp 6. Coastal Marshes Carles Ibañez, James T. Morris, Irving A. Mendelssohn, and John W. Day, Jr. 7. Mangrove Wetlands Robert R. Twilley and John Day, Jr 8. Estuarine Benthic Algae Karen J. McGlathery, Kristina Sundback, and Peggy Fong 9. Estuarine Microbial Ecology Linda K. Blum and Aaron L. Mills 10. Estuarine Microbial Food Webs Byron C. Crump, Hugh W. Ducklow, and John E. Hobbie 11. Estuarine Zooplankton Mark C. Benfield 12. Estuarine Benthos James G. Wilson and John W. Fleeger 13. Estuarine

Nekton James H. Cowan, Jr., Alejandro Yañez-Arancibia, Patricia Sanchez-Gil, and Linda A. Deegan 14. The Ecology of Estuarine Wildlife Russell Greenberg 15. Ecosystem Metabolism Jeremy M. Testa, W. Michael Kemp, Charles S. Hopkinson, Jr. and Stephen V. Smith 16. Estuarine Food Webs James D. Hagy III and W. Michael Kemp 17. Budget Analyses of Estuarine Ecosystems Walter R. Boynton and Scott W. Nixon 18. Fisheries in Lagoon-Estuarine Ecosystems Daniel Pauly and Alejandro Yañez-Arancibia 19. Human Impact and Management of Estuarine Ecosystems John W. Day, Jr., Alejandro Yañez-Arancibia, and W. Michael Kemp 20. Global Climate Change and Estuarine Systems John M. Rybczyk, John W. Day, Jr., Alejandro Yañez-Arancibia, and James H. Cowan 21. Estuarine Ecological Modeling Enrique Reyes, Kenneth Rose, and Dubravko Justic.

Sommario/riassunto

"Estuarine Ecology, Second Edition, covers the physical and chemical aspects of estuaries, the biology and ecology of key organisms, the flow of organic matter through estuaries, and human interactions, such as the environmental impact of fisheries on estuaries and the effects of global climate change on these important ecosystems. The second edition of this respected textbook provides much-needed updates and new chapters covering key topics in estuarine ecology"--