Record Nr. UNICASBVE0044787 Follett, Ken Autore Titolo Notte sull'acqua / Ken Follett ; traduzione di Roberta Rambelli Pubbl/distr/stampa Milano,: A. Mondadori, 1993 Titolo uniforme Night over water. -**ISBN** 8804375469 9788804375463 Descrizione fisica 500 p.: ill.; 20 cm. Collana Oscar bestsellers Lingua di pubblicazione Italiano **Formato** Materiale a stampa Livello bibliografico Monografia Record Nr. UNINA9911020041203321 Autore Wang Jin-Liang Dynamical Behaviors of Multiweighted Complex Network Systems Titolo Newark:,: John Wiley & Sons, Incorporated,, 2024 Pubbl/distr/stampa ©2025 **ISBN** 9781394228638 1394228635 9781394228652 1394228651 9781394228645 1394228643 Edizione [1st ed.] Descrizione fisica 1 online resource (253 pages) Altri autori (Persone) RenShun-Yan WuHuai-Ning HuangTingwen Disciplina 006.3/2

Neural networks (Computer science)

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Sommario/riassunto

Highly comprehensive resource for studying neural networks, complex networks, synchronization, passivity, and associated applications Dynamical Behaviors of Multiweighted Complex Network Systems discusses the dynamical behaviors of various multiweighted complex dynamical networks, with detailed insight on synchronization for directed and undirected complex networks (CNs) with multiple state or delayed state couplings subject to recoverable attacks, along with passivity and synchronization for coupled neural networks with multiweights (CNNMWs) by virtue of devised proportional-integral-derivative (PID) controllers. The book also investigates finite-time synchronization (FTS) and H-infinity synchronization for two types of coupled neural networks (CNNs) and focuses on finite-time passivity (FTP) and finite-time synchronization (FTS) for complex dynamical networks with multiple state/derivative couplings based on the proportional-derivative (PD) control method. Final chapters consider finite-time output synchronization and H-infinity output synchronization problems, and multiple weighted coupled reactiondiffusion neural networks (CRDNNs) with and without coupling delays. Other topics covered in Dynamical Behaviors of Multiweighted Complex Network Systems include: * Criteria of FTP for complex dynamical networks with multiple state couplings (CDNMSCs), formulated by utilizing the PD controller * Finite-time passivity (FTP) concepts for the spatially and temporally systems with different dimensions of output and input * FTS and finite time H-infinity synchronization problems for CDNs with multiple state/derivative couplings by utilizing state feedback control approach and selecting suitable parameter adjustment schemes * Adaptive output synchronization and output synchronization of CDNs with multiple output or output derivative couplings, and other adaptive control schemes Enabling readers to understand foundational concepts and grasp the latest research, Dynamical Behaviors of Multiweighted Complex Network Systems is essential for all who study neural networks, complex networks, synchronization, passivity, and their applications.