

1.	Record Nr.	UNINA990000841670403321
	Autore	Lindfield, George R.
	Titolo	Microcomputer in Numerical Analysis / G.R. Lindfield, J.E.T. Penny
	Pubbl/distr/stampa	New York : Ellis Horwood, 1989
	ISBN	0-13-336744-4
	Descrizione fisica	XII, 453 p. ; 23 cm
	Collana	Ellis Horwood series in mathematics and its applications
	Disciplina	004
	Locazione	FINBN
	Collocazione	02 48 E 16
	Lingua di pubblicazione	Italiano
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
2.	Record Nr.	UNINA9910427696303321
	Titolo	Neural Information Processing : 27th International Conference, ICONIP 2020, Bangkok, Thailand, November 18–22, 2020, Proceedings, Part V / / edited by Haiqin Yang, Kitsuchart Pasupa, Andrew Chi-Sing Leung, James T. Kwok, Jonathan H. Chan, Irwin King
	Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2020
	ISBN	3-030-63823-5
	Edizione	[1st ed. 2020.]
	Descrizione fisica	1 online resource (XXIX, 844 p. 344 illus., 225 illus. in color.)
	Collana	Communications in Computer and Information Science, , 1865-0937 ; ; 1333
	Disciplina	006.32
	Soggetti	Pattern recognition systems Application software Artificial intelligence Computer engineering Computer networks Computers Automated Pattern Recognition Computer and Information Systems Applications Artificial Intelligence

Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Computational Intelligence -- Machine Learning -- Neural Network Models -- Robotics and Control -- Time Series Analysis.
Sommario/riassunto	The two-volume set CCIS 1332 and 1333 constitutes thoroughly refereed contributions presented at the 27th International Conference on Neural Information Processing, ICONIP 2020, held in Bangkok, Thailand, in November 2020.* For ICONIP 2020 a total of 378 papers was carefully reviewed and selected for publication out of 618 submissions. The 191 papers included in this volume set were organized in topical sections as follows: data mining; healthcare analytics-improving healthcare outcomes using big data analytics; human activity recognition; image processing and computer vision; natural language processing; recommender systems; the 13th international workshop on artificial intelligence and cybersecurity; computational intelligence; machine learning; neural network models; robotics and control; and time series analysis. * The conference was held virtually due to the COVID-19 pandemic.

3. Record Nr.	UNINA9910983490003321
Autore	Liu Zhigang
Titolo	Analysis and Suppression of Low-Frequency Oscillation Between EMUs and Traction Networks in High-speed Railways / / by Zhigang Liu, Siqu Wu, Xiangyu Meng
Pubbl/distr/stampa	Singapore : , : Springer Nature Singapore : , : Imprint : Springer, , 2025
ISBN	981-9757-38-X
Edizione	[1st ed. 2025.]
Descrizione fisica	1 online resource (322 pages)
Collana	Advances in High-speed Rail Technology, , 2363-5029
Altri autori (Persone)	WuSiqu MengXiangyu
Disciplina	625
Soggetti	Railroad engineering Power electronics Solid state physics Rail Vehicles Power Electronics Electronic Devices
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Overview of Low-Frequency Oscillation in Railways Vehicle-Grid Systems -- Vehicle-Grid System Model in Time Domain and Oscillation Mechanism Analysis -- Vehicle-grid System Model in Frequency Domain and Oscillation Mechanism Analysis -- Impedance Model Under Unified Framework and Their Relations -- Suppression of Low-frequency Oscillation Based on Model Predictive Control -- Suppression of Low-frequency Oscillation Based on Passivity-based Control -- Suppression of Low-frequency Oscillation Based on Fuzzy Control -- Comparative Analysis for the Traction Converters in Vehicle-Grid System of High-speed Railway -- Dynamic Power Compensation and its Suppression Mechanism.
Sommario/riassunto	This book focuses on the low-frequency oscillation between EMUs and traction networks in high-speed Railways. As the power source of high-speed trains, the traction network's power performance directly affects the safe and stable operation of the train. However, the low-frequency oscillation between EMUs and traction networks will fluctuate voltage or

current, resulting in poor power quality, electrical device failure, and even interruption of traction power. Therefore, it is important to reveal the mechanism of low-frequency oscillation and propose suppression strategies. This book systematically shows the newest research results of analysis and suppression of low-frequency oscillation between EMUs and traction networks in high-speed railways, especially in the modeling methods of vehicle-grid systems and suppression strategies for low-frequency oscillation. These methods or strategies can provide important references and help for researchers, scholars, and engineers on traction power technology in high-speed railways. The main contents include the overview of low-frequency oscillation between EMUs and traction networks, the introduction of main modeling methods for vehicle-grid systems, especially single-phase rectifiers, the line-side converter control algorithms in vehicles for the suppression of low-frequency oscillation, the traction substation power compensation strategies for the suppression of low-frequency oscillation, etc.
