1. Record Nr. UNINA9910917197403321 Autore Shrivastava Vivek Titolo Power Engineering and Intelligent Systems: Proceedings of PEIS 2024, Volume 2 / / edited by Vivek Shrivastava, Jagdish Chand Bansal, B. K. Panigrahi Singapore:,: Springer Nature Singapore:,: Imprint: Springer,, 2024 Pubbl/distr/stampa **ISBN** 9789819767144 9819767148 Edizione [1st ed. 2024.] Descrizione fisica 1 online resource (531 pages) Collana Lecture Notes in Electrical Engineering, , 1876-1119; ; 1247 Altri autori (Persone) BansalJagdish Chand PanigrahiB. K Disciplina 621.31028563 Soggetti Computational intelligence Electric power production Electric machinery Artificial intelligence Computational Intelligence **Electrical Power Engineering Electrical Machines** Artificial Intelligence Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Nota di contenuto Chapter 1: Study of the Optimal Sizing of Battery Energy Storage Systems for Microgrid Applications -- Chapter 2: Integrated State of Charge and State of Health Method for Operating Range Prediction in Electric Vehicles -- Chapter 3: Crime Prediction Using Ensemble Machine Learning Approach -- Chapter 4: Gated Recurrent Unit with Attention mechanism for IC50 Prediction model using Amyotrophic Lateral Sclerosis Related Proteins -- Chapter 5: Exploring Echo State Network for Detection of Gait Freezing in Parkinson's Patients

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Sommario/riassunto

This book presents a collection of the high-quality research articles in the field of power engineering, grid integration, energy management, soft computing, artificial intelligence, signal and image processing, data science techniques, and their real-world applications. The papers are presented at International Conference on Power Engineering and Intelligent Systems (PEIS 2024), held during March 16–17, 2024, at National Institute of Technology Srinagar, Uttarakhand, India.