



Proceedings of ELM-2014 Volume 2

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Condition: New. Publisher/Verlag: Springer, Berlin | Applications | This book contains some selected papers from the International Conference on Extreme Learning Machine 2014, which was held in Singapore, December 8-10, 2014. This conference brought together the researchers and practitioners of Extreme Learning Machine (ELM) from a variety of fields to promote research and development of "learning without iterative tuning". The book covers theories, algorithms and applications of ELM. It gives the readers a glance of the most recent advances of ELM. | Using Extreme Learning Machine for Filamentous Bulking Prediction and Forecast in Wastewater Treatment Plants.- Extreme Learning Machine for Linear Dynamical Systems Classification: Application to Human Activity Recognition.- Lens Distortion Correction Using ELM.- Pedestrian Detection in Thermal Infrared Image using Extreme Learning Machine.- Dynamic Texture Video Classification Using Extreme Learning Machine.- Uncertain XML Documents Classification Using Extreme Learning Machine.- Encrypted traffic identification based on randomness sparse feature and extreme learning machine.- Network Intrusion Detection Based on Extreme Learning Machine.- A Study on Three-dimensional Motion History Image and Extreme Learning Machine Oriented Body Movements Trajectory Recognition.- An Improved ELM Algorithm for the Measurement of Hot Metal Temperature in Blast Furnace.- Wi-Fi and Motion Sensors based Indoor Localization Combining ELM and...



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