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   Nota di contenuto Chapter 1: Hybrid Support Vector Machine Model with Harris Hawks Optimization is a Successive Tool for Flood Prediction: A Case Study -- Chapter 2:Enhancing Location Privacy through Context-Aware Multiple Plausible Trajectories -- Chapter 3:Enhancement of Brain Tumor MR Images with a Fusion -- of Unsharp Masking and CLAHE for Segmentation using a Modified U-Net Model -- Chapter 4:Ocular Disease Diagnosis using ConvolutionalNeural Networks Optimized by Genetic Particle Swarm Optimization -- Chapter 5:Multimodal PCOS Identification using XGBoost and VGG19 of CNN -- Chapter 6: Optimizing the Performance of Naïve Bayesian Classification using RELSUn, a Bi-Stage Feature Selection Algorithm -- Chapter 7:Real-Time State-of-Charge (SOC) Prediction and Battery Optimisation with ML Algorithms -- Chapter 8:The Smart Detection of Ovarian Cancer in Complex Medical Images using Deep Learning -- Chapter 9:Optimized Agricultural Plant Classification by Leaves using VGG-19 and VGG-16

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Sommario/riassunto	This book features selected papers from the International Conference on Information Technology and Intelligence (ITI 2024), organized by Dr. B. R. Ambedkar Institute of Technology, Andaman and Nicobar, India, during October 2024. The book is a collection of the state-of-the art research work in the cutting-edge technologies. This would provide an opportunity to gather scientific research work related to the artificial intelligence, data science and applications, cybersecurity, internet of things (IOT), cloud computing, information retrieval and knowledge management.