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Nota di contenuto	Experimental Face Recognition System using Deep Learning Approaches -- MultiNet: A Diffusion based Approach to Assign Directionality in Protein Interactions using a Consensus of Eight Protein Interaction Datasets -- An Irrigation Support System Using Regressor Assembly -- Does Random Hopping Ensure More Pandal Visits than Planned Pandal Hopping? -- Consensus-based Identification and Comparative Analysis of Structural Variants and their Influence on 3D Genome Structure using Long- and Short-read Sequencing Technologies in Polish Families -- On the Performance of Convolutional Neural Networks with Resizing and Padding -- Analysis of Vegetation Health of the Sundarbans Region using Remote Sensing Methods -- You Reap What You Sow - Revisiting Intra-class Variations and Seed Selection in Temporal Ensembling for Image Classification -- Light U-Net: Network Architecture for Outdoor Scene Semantic Segmentation -- Framework of Intelligent Transportation System: A Survey.

Sommario/riassunto

This book gathers outstanding research papers presented at the 2nd International Conference on Frontiers in Computing and Systems (COMSYS 2021), organized by Department of Electronics and Communication Engineering and Department of Information Technology, North-Eastern Hill University, Shillong, Meghalaya, India held during September 29–October 1, 2021. The book presents the latest research and results in various fields of machine learning, computational intelligence, VLSI, networks and systems, computational biology, and security, making it a rich source of reference material for academia and industry alike.
