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Nota di contenuto	An Evidential Model for Assessing Environmental Risks in Banana Production Using DS – Theory -- On Solving a Multi-Criteria Decision Making Problem Using Neutrosophic Soft Set and Its Application -- On Solving Fuzzy Unconstrained Optimization Problems by Quasi Newton's Method -- Complex Cubic Picture Fuzzy Soft Matrices -- Adjacent Domination Integrity in Fuzzy Semigraphs -- Implementing the Integration Architecture Between GPT and Situational Awareness Model for Developing am Anti-Cyberbullying App -- Conglomerate Charge and Merchandise Swayed Inventory Model for Fragile Vendibles Besides Advance Remittance Allied Markdown Flair Nether Preservation

Technology Using Cloudy Normalized Triangular Fuzzy Number -- Fixed Point Theorems on Complete Fuzzy Quasi – Metric Space using Weak Contraction Function -- External staircase corona domination number of a graph -- A Mobilization of p- Pellian Triangles with Area in Q -- Neutrosophic Agility Index of Illam Thedi Kalvi (Education at Door step) in Tamilnadu -- Impact of LI-Fi in 6G: Challenges, Applications, and Prospects -- Alzheimer Detection using Optimized CNN Model -- An Optimized Vision Based Transformer for Lungs Cancer Detection -- Real-Time Bangla Sign Language Detection and Recognition using YOLOv10 -- An Intelligent Prognostication Framework for Lung Cancer Prediction via K-Nearest Neighbors (KNN) Algorithm.

Sommario/riassunto

This book presents various computational and cognitive modeling approaches in the areas of health, education, finance, environment, engineering, commerce and industry. It is a collection of selected conference papers presented at the 5th International Conference on Trends in Cognitive Computation Engineering (TCCE 2023), organized by Pranveer Singh Institute of Technology, Kanpur Uttar Pradesh, India in collaboration with IIOIR, Shimla, Himachal Pradesh, India, during 24 – 25 November 2023. The book is divided into two volumes, and it shares cutting-edge insights and ideas from mathematicians, engineers, scientists, and researchers and discusses fresh perspectives on problem solving in a range of research areas.
