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Nota di contenuto	Informative Evaluation of Images Captured by Camera Traps Based on Production Rules: Invited Paper -- Slicing and Virtual Reconstruction method in Solid Works Environment -- International Competitive Landscape for Generative Artificial Intelligence Technology Based on Patent Metrics -- A Study on Mobile Robot Path Planning in Constrained Environments Using an Enhanced Rrt Algorithm -- A Machine Learning Approach in Assessing the Fama French Three and Fama French Five Factor Model -- Deep Learning CNN-based Architecture Applied to Intelligent Near-Infrared Analysis of Water Pollution from Agricultural Irrigation Resources -- Research on the application of digital twin model calculation and updating methods in mining engineering --

Research on the factors influencing the horizontal force of body block in the impact test of steering mechanism based on orthogonal test.

Sommario/riassunto

This book includes new research results of scholars from the Fourth International Conference on Advanced Intelligent Technologies (ICAIT 2023) organized by IRNet International Academic Communication Center, held during November 3–5, 2023. The book covers research work from active researchers who are working on collaboration of industry and various intelligent technologies such as intelligent technologies applicable/applied to manufacturing and distribution of industrial products, factory automation, business, etc. The topics included are all computational intelligence techniques applicable/applied to industry, intelligent techniques in data science applicable/applied to business and management, intelligent network systems applicable/applied to industrial production, intelligent technologies applicable to smart agriculture, and intelligent information systems for agriculture.
