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Altri autori (Persone)	XuBin HuFuyuan LinJunyu SongXianhua LuZeguang
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Soggetti	Application software Artificial intelligence Computer networks Computer systems Computer and Information Systems Applications Artificial Intelligence Computer Communication Networks Computer System Implementation
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Nota di contenuto	Artificial Intelligence and Application -- PRiskLoc an Enhanced Multi-dimensional Root Cause Localization Algorithm Aided by a Fine-grained Evaluation System -- Blockchain Enhanced Whole Life-Cycle Engineering Cost Management -- A Review of Point Cloud 3D Object Detection Methods Based on Deep Learning -- A Review of Intelligent Opponent Modelling Research for Air Combat Simulation Training -- Design of a blind guidance system based on RealSense and the

improved YOLOv5 algorithm -- AHM: a Novel Model for Mining Academic Hot Spots Based on a Scientific Knowledge Graph -- Research on Feature Fusion Methods for Multimodal Medical Data -- Incorporating Syntactic Knowledge and Position Information for Aspect Based Sentiment Analysis -- Integrating Background and General Knowledge for Dialogue Generation -- Fine-grained Style Control in VITS-based Text-to-speech Synthesis -- Text Sentiment Analysis Based on a Dynamic Pruning Capsule Network -- Research on Ceramic E-commerce Product Review Analysis Based on Semantic Analysis -- Research on Clarification Question Recognition and Generation in Intelligent Q&A -- Dictionary-assisted Chinese Nested Named Entity Recognition -- Cce-SpERT A Span-based Pre-trained Transformer model for Chinese Civil Engineering Information Joint Extraction -- A BMRC Algorithm based on Knowledge Enhancement and Case Regularization for Aspect Emotion Triplet Extraction -- A Method for Extracting Clinical Diagnosis and Treatment Knowledge for Traditional Chinese Medicine Literature -- Application and Optimization of Centroid Algorithm in Indoor Positioning -- MEAHO: Membrane Evolutionary Algorithm for Hyperparameter Optimization of Deep Convolutional Neural Networks -- Automatic Detection and Inspection Robot of All-weather Urban Comprehensive Corridor based on Voiceprint Detection.

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#### Sommario/riassunto

The two-volume set CCIS 1959 and 1960 constitutes the refereed post-conference proceedings of the 38th CCF National Conference on Computer Applications, CCF NCCA 2023, held in Suzhou, China, during July 16–20, 2023. The 39 revised full papers presented in these proceedings were carefully reviewed and selected from 197 submissions. The papers are organized in the following topical sections: Volume I: Artificial intelligence and application. Volume II: Data science and technology; pattern recognition and machine learning; network communication and security; frontier and comprehensive applications.

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