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Soggetti	Artificial intelligence Natural language processing (Computer science) Computer graphics Machine learning Artificial Intelligence Natural Language Processing (NLP) Computer Graphics Machine Learning Intel·ligència artificial Infografia Aprenentatge automàtic Tractament del llenguatge natural (Informàtica) Congressos Llibres electrònics
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Nota di contenuto	Automatic Multilingual Question Generation for Health Data using LLMs -- DSEN: A Distance-based Semantic Enhancement Neural Network for Pronoun Anaphora Resolution -- Inheritance and Revitalization: Exploring the Synergy Between AIGC Technologies and Chinese Traditional Culture -- Strong-AI Autoepistemic Robots Build on Intensional First Order Logic -- Divide and Control: Generation of

Multiple Component Comic Illustrations with Diffusion Models based on Regression -- Enhancing EFL Vocabulary Acquisition Through Computational Thinking -- Connected-CF2: Learning the Explainability of Graph Neural Network on Counterfactual and Factual Reasoning via Connected Component -- Controllable Feature-Preserving Style Transfer -- Data Adaptive Semantic Communication Systems for Intelligent Tasks and Image Transmission -- Generative Artificial Intelligence and Metaverse: Future of Work, Future of Society, and Future of Humanity -- CanFuUI: A Canvas-Centric Web User Interface for Iterative Image Generation with Diffusion Models and ControlNet -- MFAR-VTON: Multi-scale Fabric Adaptive Registration for Image-Based Virtual Try-on -- An Assessment of ChatGPT on Log Data -- DSQA-LLM: Domain-Specific Intelligent Question Answering Based on Large Language Model -- Research on the construction of intelligent customs clearance information system for cross-border road cargo between Guangdong and Hong Kong -- Analyzing Multilingual Automatic Speech Recognition Systems Performance -- Exploring User Acceptance of AI Image Generator: Unveiling Influential Factors in Embracing an Artistic AIGC Software -- File management system based on intelligent technology -- Leveraging Machine Learning for Crime Intent Detection in Social Media Posts -- Generation of Visualized Medical Rehabilitation Exercise Prescriptions with Diffusion Models -- A Literature Analysis of the Application of Artificial Intelligence in Judicial Adjudication -- Overlapping Fingerprint Segmentation and Separation Based on Deep Learning -- Artificial Intelligence for Text Generation: An Intellectual Property Perspective -- Generative Artificial Intelligence Upgrading Design of TCM Medical Diagnosis System Integration Platform -- Convolutional Neural Network (CNN) to reduce construction loss in JPEG compression caused by Discrete Fourier Transform (DFT) -- Research on rural feature classification based on Improved U-net for UAV Remote Sensing Images -- Exploring the Intersection of Complex Aesthetics and Generative AI for Promoting Cultural Creativity in Rural China after the Post-Pandemic Era -- Fingerprint Image Enhancement Method based on U-Net Model -- Applications and implication of Generative AI in Non-STEM disciplines in Higher Education -- Industry 4.0 technology-supported framework for sustainable supply chain management in the textile industry. .

Sommario/riassunto

This book constitutes the revised selected papers of the First International Conference, AIGC 2023, held in Shanghai, China, during August 25–26, 2023. The 30 full papers included in this volume were carefully reviewed and selected from 62 submissions. The volume focuses on the remarkable strides that have been made in the realm of artificial intelligence and its transformative impact on content creation. As delving into the content of the proceedings, the readers will encounter cutting-edge research findings, innovative applications, and thought-provoking insights that underscore the transformative potential of AI-generated content.