

CONTENTS

Review Analysis

Migration of an Open Source Application to Software Product Lines	01-07
Study on the Demand and Influencing Factors of Vocational Skill Training for Industrial Workers in the Era of "Machine Replacement"	08-18
Practice and Experience in the Standardization of Third-Party Service Management for Government Informatization	19-25
Artificial Intelligence-driven Cybersecurity Applications and Challenges	26-33
Research on Algorithm Optimization Driven by Big Data	34-42
Research on Supervision of Construction Process of Smart Urban Management System Based on Artificial Intelligence	43-51
Research on Laser Cutting Quality Optimization Strategy Based on Intelligent Control Technology	52-60
EA-BEV: Attention-enhanced Multimodal Fusion Method for 3D Object Detection	61-69

Application Demonstration

"AI+After-School Extension Learning Model" Construction and Application Outlook	70-74
Hierarchical Analysis of Online Learning Behavior and Construction of a Psychological State Perception Model	75-88
Research on Digital Human Marketing Strategy	89-97
A Study on the Application of AI and Machine Learning in Agile Project Management	98-110
Assessment and Suggestions on the Digital Transformation Path of Guangzhou's Smart Transportation	111-121
Research on the Practice of Reconstructing Classroom Teaching Mode Based on AIGC	122-131
Inversion Models for Orchard Soil Nutrient Content Using Near-Infrared Spectroscopy	132-144

- Advances in the Standardization of a Rapid Quality Evaluation System for TCM Based on the Fusion of Electronic Senses (E-eye, E-nose, E-tongue) and AI 145-151

Frontier Prospects

- Cultural Identity in the Age of AI: Dual Dilemmas and Pedagogical Strategies 152-158
- AI-Empowered Digital Intelligence Transformation of Human Resources: Pathways to New Quality Productivity in Advanced Manufacturing Industry 159-164
- Research on the Value Creation, Ethical Challenges and Response Strategies of Robots in Government Administrative Performance Management 165-172