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Nota di contenuto	-- Main. -- Enhancing Linear Algebra Education with AI-Generated Content in the CityU Metaverse: A Comparative Study. -- Ontology-Driven Learning-Progress Tracking Tool in an Adaptive Virtual Learning Environment. -- A Model for Evaluating the Effectiveness of E-learning Courses Based on Indicators of Course Quality and Time Spent by the Learners. -- Towards Effective Collaborative Learning in Edu-Metaverse: A Study on Learners' Anxiety, Perception, and Behaviour. -- An Empirical Study of Code Pattern Reuse and Pattern Preference Consistency in Novice Programmers. -- Self-attentive Knowledge Tracing with Relative Position Encoding. -- Students' pre-concepts of robot control before their first robotics lesson - pilot study. -- Evaluating Verbs of Chatting in Large Language Models. -- Workshop DLCCE. -- Mapping the Landscape of Digital and Intelligent Technologies in Intercultural Learning:A Bibliometric Analysis. -- AI-Enhanced Intercultural Teaching: Investigating Chinese EFL University Teachers' Technology Readiness and Acceptance of Large Language Models. -- Leveraging DataVisualization with Ggplot2 in Translation Pedagogy: Enhancing Learning Through Visual Insights. -- AI-Assisted Writing on News Report: A case study on AI-Generated Content and

Human-Generated Content. -- Analysis of Interpreter Performance on Numbers, Proper Nouns, and Complex Sentences in AI-Assisted English-Chinese Simultaneous Interpreting: an Eye-tracking Experimental Study. -- Harnessing Digital Platforms for Behavioral Modeling and Prediction in Multicultural Contexts: Intercultural Communication from the Perspective of Social Computing . -- Workshop ETLL. -- Human v.s. AI: A Comparative Study between MTI Student Translators and AI Engines . -- Knowledge Graph-Based Advance Preparation in Medical Interpreting. -- Quality Comparison of MT in Translating Chinese Music Historical Texts and Inspiration for Translation Pedagogy. -- Human-in-the-loop: A Conceptual Framework for Business English Teachers' AI-Empowered Assessment. -- An Exploratory Research on Reading Comprehension Question Generation based on Annotated Clause Complex Corpus. -- ChatGPT Prompt Engineering Methods for Financial News Translation. -- Workshop GAIE. -- A Robust and Secure Framework for an AI-Assisted Academic Writing Platform. -- An Automatic Model for Lesson Plans Generation Based on Logical Chains and Prompt Tuning.

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### Sommario/riassunto

This book constitutes the revised selected papers of the 9th International Symposium on Emerging Technologies for Education, SETE 2024, held in Shanghai, China, during November 26–28, 2024. The 21 full papers presented in this book were carefully reviewed and selected from 45 submissions. The contributions cover the latest findings in various areas, such as Artificial Intelligence in Education, Big Data Driven Education, Informal Learning in the Workplace, Data Driven Decision Making in Education, User/Student/Teacher Modeling, Learning Analytics, Modeling Complex Learning Processes with Multi-Channel Learning Data, Educational Technology and ICT for Education, Assessment in Technology Enhanced Learning, and Inclusive Education. The conjunct events also feature 3 distinguished keynote presentations and 3 workshops, which cover a wide range of topics, such as Generative Artificial Intelligence in Education, Educational Technology and Cognitive Neuroscience for Language Learning, and Digitalization in Language and Cross-Cultural Education.

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