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Altri autori (Persone)	TanabeYoshinori JainL. C
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Nota di contenuto	AI Empowered Software Engineering A Retrospective on Thirty Years of Contributions in Knowledge Based Software Engineering and AI from JCKBSE to AIESE2024 -- Introduction to the 15th International Conference on AI Empowered Software Engineering AIESE 2024 Contributions, Emerging Themes, and Future Vision -- Machine Learning Software Engineering based on Multi view Modeling with Patterns and MLOps -- Artemis Interactive Learning with Generative AI -- Privacy under Pressure Individual Rights, Big Data, and the Growing Generative AI Boom -- Balancing Autonomy and Ethics in AI Empowered Software Engineering by Addressing User Centred Requirements Tension Keynote -- Artificial Intelligence or Cybernetics Why Not Cybernetic Artificial Intelligence CAI A New Scientific Field -- Preventing a Nuclear September 11th Challenges, Solutions, and Concerns in AI empowered Analysis Software in Sensors -- Toward the

Formation of Common Understanding of Arts and Mental Health
Questionnaire based Analysis of Perception on Arts and Therapy --
Comparison of decision making technologies and basic concepts of
Naturally Decision Intelligence -- Remote Play System for Adaptive
Sports Players with Severe Physical Disabilities -- Tutorial system
displaying on other device following video game progress -- User
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the game -- Architecture Design for Enterprise Real time Systems -- A
Method to Improve the Consistency Between SRS and StRS Based on
Backward Traces -- Project Practice Based Anti Patterns for Machine
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Simple Negative Benchmark Generation for Safety Checking -- Role of
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Agile Process -- Using ChatGPT in Requirements Engineering Processes
Preliminary Report -- Graph Theory Based Value Estimation of Artificial
Intelligence Interventions the Case of the Patient Journey -- The
potential of LLM generated reports in DevSecOps -- Artificial
Intelligence Empowered Autonomous Software Moral Dilemmas, Ethics,
Regulations, Challenges and Requirements Interdisciplinary Panel
Discussion -- Navigating the Nexus Leveraging Deep Learning for
Social Network Analysis -- Incorporating Fuzzy Logic in Intelligent
Software Systems -- Evaluating Multimodal Large Language Models
Benchmarks, Methods, and Analytical Approaches.

Sommario/riassunto

This book contains extended versions of the works and new research results presented at the 15th International Conference on Artificial Intelligence-empowered Software Engineering (AIESE2024, formerly Joint Conference on Knowledge-based Software Engineering, JCKBSE), University of Piraeus, August 27–30, 2024, Greece. AIESE (formerly JCKBSE) is a well-established international biennial conference that focuses on the applications of Artificial Intelligence on Software Engineering. Its 15th edition was organized by the Department of Informatics of the University of Piraeus, Greece. This book is a valuable resource for experts and researchers in the field of (artificial intelligence-empowered and knowledge-based) software engineering. It is also valuable to general readers in the fields of artificial and computational intelligence and, more generally, computer science, who wish to learn more about this exciting research field of software engineering and its applications. An extensive list of bibliographic references at the end of each chapter helps readers to probe deeper into the application areas of interest to them.
