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| Sommario/riassunto | This book constitutes the refereed proceedings of the 22nd International Conference on Industrial and Engineering Applications of Artificial Intelligence and Expert Systems, IEA/AIE 2009, held in Tainan, Taiwan in June 2009. The 84 revised full papers presented together with 5 invited papers were carefully reviewed and selected from 286 submissions. The papers are cover a wide range of topics like autonomous agents, computer vision, data mining and knowledge discovery, decision support systems, evolutionary computation, fuzzy logic and uncertainty, intelligent system applications, intelligent wireless computing, knowledge management and natural language processing, machine learning, multi-agent systems, neural networks, and three special invited topics including engineering knowledge and semantic systems, mass customization of manufacturing products using applied intelligent systems, and mining interesting knowledge. |