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Engineering Applications which was held in Okayama, Japan, May 12-14, 2023 (ISDEA2023). There are five major sessions covered in this book, including 1) Theory and Application of Artificial Intelligence Technologies in Industry; 2) System Design and Data Analysis within the Context of Internet of Things (IOT) ; 3) System Automation, Control, and Robots; 4) Smart Product Design and Integrated Manufacturing and 5) Sensors, Transducers and detection technology. This conference provides an idea-exchange and discussion platform for the world's engineers and academia to share cutting-edge information, address the hottest issue in intelligent systems design and engineering applications, explore new technologies, exchange and build upon ideas.

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