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Nota di contenuto	Chapter 1. An Intelligent Learning System based on Robotino Mobile Robot Platform -- Chapter 2. A Neocognitron Based on Multi-Objective Optimization for Few-Shot Learning -- Chapter 3. Milk temperature control system of calf feeding robot based on fuzzy PID -- Chapter 4. Bluff: A Multi-Robot Dispersion based on Hybrid Reciprocal Velocity Obstacles to solve the Blind Man's Buff problem -- Chapter 5. Factors Influencing the Adoption of Robo Advisory Services: A Unified Theory of Acceptance and Use of Technology (UTAUT) Model Approach -- Chapter 6. A multi-region feature extraction and fusion strategy based CNN-Attention network for facial expression recognition -- Chapter 7. Real Time Surgical Instrument Object Detection using Yolov7 --

Sommario/riassunto

This book presents the proceedings of the 6th EAI International Conference on Robotics and Networks 2022 (ROSENET 2022). The conference explores the integration of networks and robotic technologies, which has become a topic of increasing interest for both researchers and developers from academic fields and industries worldwide. The authors posit that big networks will be the main approach to the next generation of robotic research, with the explosive number of networks models and increasing computational power of computers significantly extending the number of potential applications for robotic technologies while also bringing new challenges to the networking community. The conference provided a platform for researchers to share up-to-date scientific achievements in this field. The conference took place at Swansea University, Wales, Great Britain. Presents the proceedings from 6th EAI International Conference on Robotic Sensor Networks (ROSENET 2022); Features papers on topics ranging from robotics in medicine to robotics in rescue and surveillance; Includes perspectives from a multi-disciplinary selection of global researchers, academics, and professionals.

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