



Field and Service Robotics [Results of the 6th International Conference /

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Artificial intelligence

Engineering

Systems theory

Robotics and

Automation

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Artificial Intelligence

Machinery and Machine Elements

Systems Theory, Control

Monografía

FSR, the International Conference on Field and Service Robotics, is a robotics Symposium which has established over the past ten years the latest research and practical results towards the use of field and service robotics in the community with particular focus on proven technology. The first meeting was held in Canberra, Australia, in 1997. Since then the meeting has been held every two years in the pattern Asia, America, Europe. Field robots are non-factory robots, typically mobile, that operate in complex, and dynamic environments: on the ground (of Earth or planets), under the ground, underwater, in the air or in space. Service robots are those that work closely with humans to help them with their lives. This book presents the results of the sixth edition of Field and Service Robotics, FSR07, held in Chamonix, France, on 9th - 12th July 2007. The conference provided a forum for researchers, professionals and robot manufacturers to exchange up-to-date technical knowledge and experience. This book offers a collection of a broad range of topics including: Underwater Robots and Systems, Autonomous Navigation for Unmanned Aerial Vehicles, Simultaneous Localization and Mapping, Climbing Robotics, Sensor Fusion

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