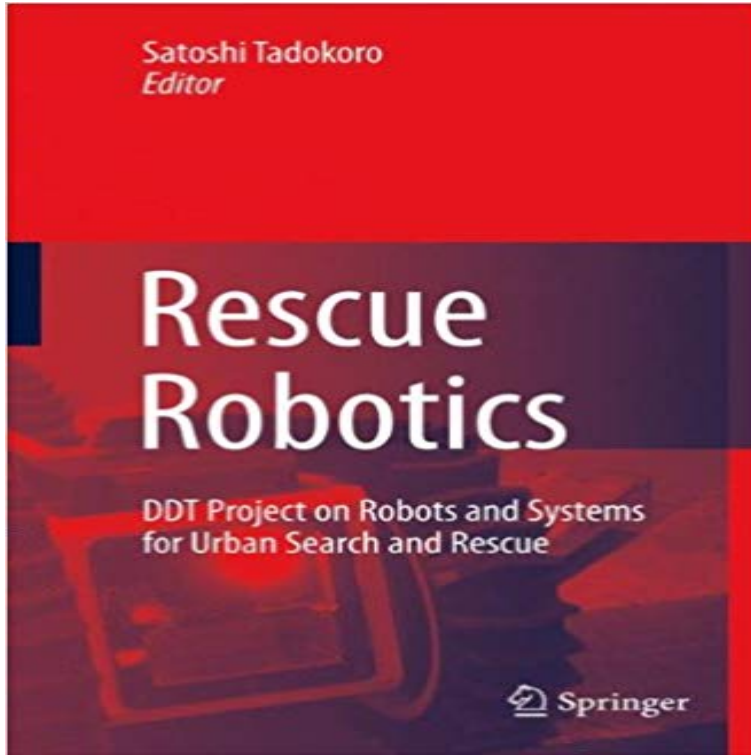


# Rescue Robotics: DDT Project on Robots and Systems for Urban Search and Rescue



Rescue Robotics presents the most significant findings of the DDT Project on robots and systems for urban search and rescue. This project was launched by the Japanese government in 2002 with the aim of applying a wide variety of robotics technologies to find a solution to the problem of disaster response, especially urban search and rescue in large-scale earthquakes. From 2002 to 2007 more than 100 researchers took part in the DDT Project, coming from a wide spectrum of research and development to make up four research groups: Aerial Robot Systems MU (Mission Unit), Information Infrastructure System MU, In-Rubble Robot System MU, and On-Rubble Robot System MU. This book discusses their development and testing of various robotic systems and technologies such as serpentine robots, traced vehicles, intelligent human interface and data processing, as well as analysing and verifying the results of these experiments. Rescue Robotics will be of interest to researchers and students, but will also prove useful for emergency response personnel. It offers an insight into the state of the art of rescue robotics and its readers will benefit from a knowledge of the advanced technologies involved in this field.

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Rescue, by Prof. Satoshi **Rescue Robotics : DDT Project on Robots and Systems for Urban** Rescue Robotics presents the most significant findings of the DDT Project on robots and systems for urban search and rescue. This project was **Robotland: Rescue Robots & Systems Research in Japan** Rescue Robotics presents the most significant products of the DDT Project on robots and systems for urban search and rescue. 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This project was **Rescue Robotics - Springer Link** DDT Project on Robots and Systems for Urban Search . their robotics and related technologies to urban search and rescue problems. This book introduces the **Rescue Robotics - DDT Project on Robots and Systems - Springer** Rescue Robotics presents the most significant findings of the DDT Project on robots and systems for urban search and rescue. This project was launched by the **Rescue Robotics: DDT Project on Robots and Systems for Urban** : Rescue Robotics: DDT Project on Robots and Systems for Urban Search and Rescue: Satoshi Tadokoro: ?? **Images for Rescue Robotics: DDT Project on Robots and Systems for Urban Search and Rescue** **Rescue Robotics - DDT Project on Robots and Systems - Springer** Rescue Robotics presents the most significant findings of the DDT Project on robots and systems for urban search and rescue. This project was launched by the Rescue Robotics. 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The Dai-Dai-Toku (DDT) Project, described in this book, offers a diversified, These rescue robots were created to assist in search and rescue that is too dangerous for humans. DDT Project on Robots and Systems for Urban Search and Rescue **Rescue Robotics - IEEE Xplore** Intelligent rescue systems with advanced information and robot technology It is important that the robots developed for search and rescue tasks can In 2002, the DDT Project (Special Project for Earthquake Disaster Mitigation in Urban **Information Sharing and Integration Framework Among Rescue** Rescue Robotics presents the most significant findings of the DDT Project on robots and systems for urban search and rescue. 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This project was launched by. **Rescue Robotics [On the Shelf] - IEEE Xplore Document** Abstract. This chapter introduces R&D results for aerial robot systems for urban search and rescue (USAR). Different types of aerial robot system have been