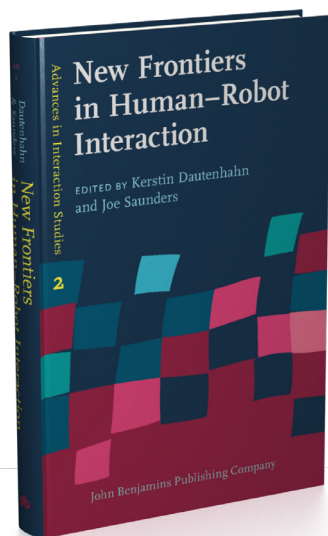


NEW BOOK INFORMATION

Interaction Studies / Linguistics / Miscellaneous



New Frontiers in Human–Robot Interaction

Edited by Kerstin Dautenhahn and Joe Saunders

The University of Hertfordshire

Human–Robot Interaction (HRI) considers how people can interact with robots in order to enable robots to best interact with people. HRI presents many challenges with solutions requiring a unique combination of skills from many fields, including computer science, artificial intelligence, social sciences, ethology and engineering. We have specifically aimed this work to appeal to such a multi-disciplinary audience. This volume presents new and exciting material from HRI researchers who discuss research at the frontiers of HRI. The chapters address the human aspects of interaction, such as how a robot may understand, provide feedback and act as a social being in interaction with a human, to experimental studies and field implementations of human–robot collaboration ranging from joint action, robots practically and safely helping people in real world situations, robots helping people via rehabilitation and robots acquiring concepts from communication. This volume reflects current trends in this exciting research field.

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