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Engineering : Signal, Image and Speech Processing

Jokinen, Kristiina, Wilcock, Graham (Eds.)

Dialogues with Social Robots

Enablements, Analyses, and Evaluation

- Features novel aspects of communication technology
- Offers different perspectives and solutions to the important questions
- Covers key topics in research and development in the field of Spoken Dialogue Systems

This book explores novel aspects of social robotics, spoken dialogue systems, human-robot interaction, spoken language understanding, multimodal communication, and system evaluation. It offers a variety of perspectives on and solutions to the most important questions about advanced techniques for social robots and chat systems. Chapters by leading researchers address key research and development topics in the field of spoken dialogue systems, focusing in particular on three special themes: dialogue state tracking, evaluation of human-robot dialogue in social robotics, and socio-cognitive language processing. The book offers a valuable resource for researchers and practitioners in both academia and industry whose work involves advanced interaction technology and who are seeking an up-to-date overview of the key topics. It also provides supplementary educational material for courses on state-of-the-art dialogue system technologies, social robotics, and related research fields.

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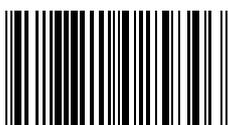
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