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| 1. Record Nr.           | UNINA9910460605703321   |
| Titolo                  | Gaze in human-robot communication // edited by Frank Broz, Heriot-Watt University [and three others]  |
| Pubbl/distr/stampa      | Amsterdam ; ; Philadelphia : , : John Benjamins Publishing Company, , [2015]<br>©2015   |
| ISBN                    | 90-272-6764-2   |
| Descrizione fisica      | 1 online resource (178 p.)  |
| Collana                 | Benjamins current topics, , 1874-0081 ; ; volume 81   |
| Disciplina              | 629.8/92019   |
| Soggetti                | Human-robot interaction<br>Gaze - Psychological aspects<br>Robotics - Social aspects<br>Androids<br>Electronic books.   |
| Lingua di pubblicazione | Inglese   |
| Formato                 | Materiale a stampa  |
| Livello bibliografico   | Monografia  |
| Note generali           | "These materials were previously published in Interaction studies 14:3 (2013)."   |
| Nota di bibliografia    | Includes bibliographical references and index.  |
| Nota di contenuto       | Gaze in Human-Robot Communication; Editorial page; Title page; LCC data; Table of contents; Introduction to the Special Issue on Gaze in human-robot communication; 1. Introduction; 1.1 Gaze in human communication; 1.2 Gaze in human-agent interaction; 1.3 Gaze and human-robot communication; 2. The Special Issue; References; Design of a gaze behavior at a small mistake moment for a robot; 1. Introduction; 2. Data collection; 3. Experiments; 3.1 Hypotheses and predictions about apologies; 3.2 Hypotheses and prediction for friendliness and dissatisfaction<br>3.2.1 Hypothesis that assumes advantages of looking down<br>3.2.2 Hypothesis that assumes advantages of looking at the other; 3.3 Participants; 3.4 Tasks; 3.5 Robot; 3.6 Conditions; 3.7 Procedure; 3.8 Measurement; 4. Results; 4.1 Verification of prediction 1; 4.2 Verification of prediction 2; 4.3 Verification of prediction 3; 5. Discussion; 5.1 Analysis of free descriptions; 5.2 Responsiveness to mistakes; 6. Conclusion; Acknowledgements; References; Robots can be perceived as goal-oriented agents; 1. Introduction; 2. Methods; 2.1 |

Subjects; 2.2 Action demonstrators; 2.2.1 The human demonstrator  
2.3 The humanoid robot; 2.4 Experimental paradigm; 2.5 Data Analysis;  
3. Results; 4. Discussion; Acknowledgments; References; Can infants  
use robot gaze for object learning?; 1. Introduction; 2. Experiment 1;  
2.1 Method; 2.1.1 Participants; 2.1.2 Apparatus; 2.1.3 Stimuli and  
procedure; 2.1.4 Data analysis; 2.2 Results and discussion; 3.  
Experiment 2; 3.1 Method; 3.1.1 Participants; 3.1.2 Stimuli and  
procedure; 3.1.3 Results and discussion; 4. General Discussion;  
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multiple participants; 1. Introduction  
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actions and questioning strategy; 3. The present experiment: A quiz  
robot in Japanese and English; 3.1 Robot System; 3.2 Experimental  
setup; 3.3 Experimental stimuli; 4. Initial analysis; 5. Detailed analysis;  
5.1 Comparing responses during the keyword (in Q3); 5.2 Comparing  
responses to tag-part of a tag-question (in Q6); 6. Discussion and  
Conclusion; Acknowledgement; References; Cooperative gazing  
behaviors in human multi-robot interaction; 1. Introduction  
2. A human multi-robot multimodal interactive paradigm; 2.1 Gaze-  
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Experimental procedure; 2.5 Data collection; 2.6 Validation of the  
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3.2 Speech acts; 3.3 Attention dynamics around naming moments; 4.  
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4.2 Micro-level mutual reflexivity; 5. Conclusion; Acknowledgements;  
References; Learning where to look Autonomous development of Gaze  
behavior for natural Human-Robot Interaction; 1. Introduction  
2. Reactive Gaze Controller

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