

Contents

Introduction	1
Jochen Huber, Roy Shilkrot, Pattie Maes and Suranga Nanayakkara	
Part I Sensory Enhancement and Substitution	
Augmented Sensors	7
Suranga Nanayakkara, Jochen Huber and Priyashri Sridhar	
Scaffolding the Music Listening and Music Making Experience for the Deaf	23
Benjamin Petry, Jochen Huber and Suranga Nanayakkara	
Teach Me How! Interactive Assembly Instructions Using Demonstration and In-Situ Projection	49
Markus Funk, Lars Lischke, Sven Mayer, Alireza Sahami Shirazi and Albrecht Schmidt	
Augmented Narrative: Assisting the Reader with Sound	75
Susana Sanchez Perez, Naohito Okude and Kai Kunze	
Part II Design for Assistive Augmentation	
Design for Assistive Augmentation—Mind, Might and Magic	99
Ellen Yi-Luen Do	
Designing Augmented, Domestic Environments to Support Ageing in Place.	117
Jeannette Durick and Linda Leung	
Sensory Conversation: An Interactive Environment to Augment Social Communication in Autistic Children	131
Scott Andrew Brown and Petra Gemeinboeck	

FingerReader: A Finger-Worn Assistive Augmentation	151
Roy Shilkrot, Jochen Huber, Roger Boldu, Pattie Maes and Suranga Nanayakkara	
Conclusion	177

Assistive Augmentation

Huber, J.; Shilkrot, R.; Maes, P.; Nanayakkara, S. (Eds.)

2018, VI, 178 p. 71 illus., 61 illus. in color., Hardcover

ISBN: 978-981-10-6402-9