

CONTENTS

1	Introduction: Challenging Sociality	1
1.1	<i>Autism and the Machine</i>	1
1.2	<i>Absence of the Social</i>	7
1.3	<i>Pronouns and Relationality</i>	9
1.4	<i>Machine Sociality</i>	11
	<i>Bibliography</i>	16
2	Autism, Social Attachment and Things	29
2.1	<i>Autism Sociality</i>	29
2.2	<i>299.00 Autistic Disorder</i>	35
2.3	<i>Autism and Robots</i>	37
2.4	<i>Theatre and Robots</i>	39
2.5	<i>Anthropology and the Social</i>	44
	<i>Bibliography</i>	46
3	The Experiment: The Effectiveness of a Humanoid Robot for Helping Children Develop Social Skills	49
3.1	<i>Between the Social and Asocial</i>	49
3.2	<i>Robots</i>	51
3.3	<i>The School</i>	52
3.4	<i>The Protocols</i>	54
3.5	<i>The Experiment</i>	56
3.6	<i>The Results</i>	58
	<i>Bibliography</i>	59

4	Echo and Narcissus and Pronoun-Reversal	63
4.1	<i>The Myth of the Egocentric Child</i>	63
4.2	<i>Narcissus: From Myth to Sexual Pathology to Politics of the Individual</i>	65
4.3	<i>Echolalia, Pronoun-Reversal and I-You Interrelatedness</i>	70
4.4	<i>Robots to Humans as the Lake Is to Narcissus</i>	73
	<i>Bibliography</i>	78
5	Attachment Theory and Autism	81
5.1	<i>Bonds and Ties</i>	81
5.2	<i>Mother-Love to Mother-Hate</i>	84
5.3	<i>Children of the Wild</i>	88
5.4	<i>The Machine as Surrogate Mother</i>	92
5.5	<i>Attachment to Products</i>	96
	<i>Bibliography</i>	97
6	Autism and the Machine	103
6.1	<i>The Artificial Human</i>	103
6.2	<i>Man as a Machine</i>	104
6.3	<i>Autism as a Machine-State</i>	108
6.4	<i>Robot as Analogy to Autism</i>	113
	<i>Bibliography</i>	116
7	Critical Autism Studies and Robot Therapy	121
7.1	<i>A New Horizon</i>	121
7.2	<i>Labels and Language of Autism</i>	124
7.3	<i>It and Things</i>	127
7.4	<i>Robot Therapy</i>	132
7.5	<i>Recognition</i>	135
	<i>Bibliography</i>	136
8	Conclusion: Terminating the Machine	141
8.1	<i>The Social and Cultural Studies of Robots</i>	141
8.2	<i>I and Thou</i>	147
8.3	<i>Robots as Useful Tools Without Pathologising Autism</i>	148
	<i>Bibliography</i>	150
	Index	153