

Contents

1	The Subversion of Technology	1
1.1	Failure as Precondition	3
1.2	Failure was Yesterday	5
1.3	The Use of Technology	7
1.4	The Use of much Technology	12
1.5	Dithering as a Response	14
1.6	Responding Without Dithering	20
1.7	The Condition of Failure	22
2	The Disclosure of the World	27
2.1	Techné	27
2.2	The Concept of the Experiment	31
2.3	The Experiment in an Undivided World	39
2.4	The Invention of the Experiment	42
2.5	How to Philosophize with a Pump	50
2.6	The Techné of the Technology of the Experiment	55
2.7	The Experiment in a Divided World	58
2.8	The Paradox of the World	62
2.9	The Boundaries of the World	69
2.10	The Work on the Boundaries of the World	71
2.11	The World and its Uncharted Regions	76
3	The Form of the Experimental	81
3.1	Open and Closed	81
3.2	Space and Time	85
3.3	The Other and its Absence	92
3.4	Transparency and Opacity	99
3.5	Observation and Processing	107
3.6	Research Objects and Epistemic objects	110
3.7	Copying and Modifying	112
3.8	Representation and Translation	120
3.9	Simulation and Virtuality	132

3.10 Distance and Proximity 133

3.11 Irony and Humour 137

3.12 Ingenuity and Virtuosity 140

3.13 Intention and Intuition 145

3.14 Theory and Praxis 157

3.15 Discoveries and Inventions 159

3.16 Intermediaries and Agents 161

3.17 Tools and Technology 163

3.18 Engineers and Bricoleurs 166

3.19 Collecting and Assembling 168

3.20 Isolation and Assembly Structure 169

3.21 Transcendence and Immanence 170

3.22 The Experiment from the Explorative Perspective 183

3.23 The Explorative and the Experimental System of Thought 185

4 The Subversion of *Bildung* 193

4.1 Bildung and Learning 194

4.2 The Failure of Failure 201

4.3 Technological Limit Conditions 202

4.4 The Interpretations of the World Beyond the World 208

4.5 The Persistence of the Explorative 210

4.6 Explorers and Experimenters 212

4.7 Turning to Language as Avoidance 215

4.8 The Empiricism of an Experimental Theory of *Bildung* 220

Bibliography 223



<http://www.springer.com/978-94-017-8708-6>

Experiment and Exploration: Forms of World-Disclosure
From Epistemology to Bildung

Ahrens, S.

2014, XII, 237 p. 1 illus., Hardcover

ISBN: 978-94-017-8708-6