

# Contents

Acknowledgments	ix
Introduction: Did Somebody Say New Media? WENDY HUI KYONG CHUN	1
<b>Part I Archaeology of Multi-Media</b>	11
1 Early Film History and Multi-Media: An Archaeology of Possible Futures? THOMAS ELSAESSER	13
2 Electricity Made Visible GEOFFREY BATCHEN	27
3 “Tones from out of Nowhere”: Rudolph Pfenninger and the Archaeology of Synthetic Sound THOMAS Y. LEVIN	45
<b>Part II Archives</b>	83
4 Memex Revisited VANNEVAR BUSH	85
5 Out of File, Out of Mind CORNELIA VISMANN	97

6	Dis/continuities: Does the Archive Become Metaphorical in Multi-Media Space? WOLFGANG ERNST	105
7	Breaking Down: Godard's Histories RICHARD DIENST	125
8	Ordering Law, Judging History: Deliberations on Court TV LYNNE JOYRICH	133
<b>Part III</b>	<b>Power-Code</b>	155
9	The Style of Sources: Remarks on the Theory and History of Programming Languages WOLFGANG HAGEN	157
10	Science as Open Source Process FRIEDRICH KITTLER	177
11	Cold War Networks or Kaiserstr. 2, Neubabelsberg FRIEDRICH KITTLER	181
12	Protocol vs. Institutionalization ALEXANDER R. GALLOWAY	187
13	Reload: Liveness, Mobility, and the Web TARA MCPHERSON	199
14	Generation Flash LEV MANOVICH	209
15	Viruses Are Good for You JULIAN DIBBELL	219
16	The Imaginary of the Artificial: Automata, Models, Machinics—On Promiscuous Modeling as Precondition for Poststructuralist Ontology ANDERS MICHELSSEN	233
<b>Part IV</b>	<b>Network Events</b>	249
17	Information, Crisis, Catastrophe MARY ANN DOANE	251
18	The Weird Global Media Event and the Tactical Intellectual [version 3.0] MCKENZIE WARK	265
19	Imperceptible Perceptions in Our Technological Modernity ARVIND RAJAGOPAL	277
20	Deep Europe: A History of the Syndicate Network GEERT LOVINK	287

21	The Cell Phone and the Crowd: Messianic Politics in the Contemporary Philippines VICENTE L. RAFAEL	297
<b>Part V</b>	<b>Theorizing “New” Media</b>	<b>315</b>
22	Cybertyping and the Work of Race in the Age of Digital Reproduction LISA NAKAMURA	317
23	Network Subjects: or, The Ghost is the Message NICHOLAS MIRZOEFF	335
24	Modes of Digital Identification: Virtual Technologies and Webcam Cultures KEN HILLIS	347
25	Hypertext <i>Avant La Lettre</i> PETER KRAPP	359
26	Network Fever MARK WIGLEY	375
	Afterword: The Demystifica- <i>hic</i> -tion of In- <i>hic</i> -formation THOMAS KEENAN	399
	Contributors	409
	Index	413