

CONTENTS

1	Technologies, Possibilities, Emergence and an Ethics of Responsibility: Refiguring Techniques	1
	Sarah Pink	
1.1	Introduction	2
1.2	What Does the ‘Technological Possible’ Mean for Digital Visual Research?	4
1.3	What are the Implications of Seeing Researcher Engagement with New and Emerging Technologies as Improvisation Rather Than Innovation?	6
1.4	What Does This Mean for an Ethics of Responsibility in Digital Visual Research?	7
1.5	How Can We Harness Techniques that Involve Digital Visual Technologies for Making or Ensuring Better Futures?	8
1.6	How Can Digital Visual Technologies and Techniques Benefit Collaborations with External Research Partners and Stakeholders to Gain Understandings that Will Enable Us and Them to Better Judge How We Move on into Our Digital Futures?	10
1.7	Summing up	11
	References	11

2	Non-human Sensing: New Methodologies for the Drone Assemblage	13
	Bradley L. Garrett and Anthony McCosker	
2.1	Introduction	14
2.2	The Drone Body	15
2.3	Drone Piloting and the Wayward Object	18
2.4	Conclusions	21
	References	22
3	Immersive Reflexivity: Using 360° Cameras in Ethnographic Fieldwork	25
	Edgar Gómez Cruz	
3.1	Introduction	25
3.2	Visual Practices and Digital Affordances	26
3.3	Locating 360° Cameras Within Photographic History	28
3.4	Sensing the Emplacement of Doing Fieldwork with 360° Images	30
3.5	360° Images: Sharing Fieldwork Experiences	34
3.6	360° Images as Visual Fieldnotes	35
3.7	Concluding Remarks	36
	References	37
4	Empathetic Visuality: GoPros and the Video Trace	39
	Shanti Sumartojo and Sarah Pink	
4.1	Introduction	40
4.2	Cameras on Our Bodies: Situating the GoPro	41
4.3	The Video Trace	41
4.4	Cycling with GoPros	42
4.5	Empathy and the Video Trace	43
4.6	The Video Trace and Auto-Ethnography at a Public Event	46
4.7	Conclusion	48
	References	49
5	In Defence of the “Thin”: Reflections on the Intersections Between Interactive Documentaries and Ethnography	51
	Paolo S. H. Favero	
5.1	Introduction	52
5.2	Background	54

5.3	Defining the Interactive Documentary	55
5.4	Academic Engagements with iDocs	58
5.5	Conclusions	61
	References	63
6	Ethnography Through the Digital Eye: What Do We See When We Look?	67
	Shanti Sumartojo, Adrian Dyer, Jair García and Edgar Gómez Cruz	
6.1	Introduction	68
6.2	How Does Eye-Tracking Work and What can it ‘Measure’?	70
6.3	Eye-Tracking and Ethnography: Exploratory Case Studies	72
6.4	Conclusions	77
	References	78
7	Visual Documentation in Hybrid Spaces: Ethics, Publics and Transition	81
	Alison Young and Lachlan MacDowall	
7.1	Introduction	82
7.2	Scene 1: Viewing Walls in Public Space	82
7.3	Scene 2: Publics and the Museum	86
7.4	Reading the Image of Hybrid Spaces	90
	References	91
8	At the Edges of the Visual Culture of Exile: A Glimpse from South Australia	93
	Melinda Hinkson	
8.1	Openings	94
8.2	Shifting Ground	96
8.3	Between Here and There	100
	References	103

9	Careful Surveillance at Play: Human-Animal Relations and Mobile Media in the Home	105
	Ingrid Richardson, Larissa Hjorth, Yolande Strengers and William Balmford	
9.1	Introduction	106
9.2	Non-Anthropocentric Understandings of Surveillance and Care Cultures	108
9.3	Cross-Species Nature of Play	112
9.4	Conclusion: Careful Surveillance	114
	References	115
10	Imagining Technique: Reflexivity, Ethnographic Arts and the Digital-Real	117
	James Oliver	
10.1	Part One	118
10.2	Intermission	120
10.3	Part Two	122
10.4	Finale	126
	References	128
	Erratum to: In Defence of the “Thin”: Reflections on the Intersections Between Interactive Documentaries and Ethnography	E1
	Paolo S. H. Favero	
	Index	131



<http://www.springer.com/978-3-319-61221-8>

Refiguring Techniques in Digital Visual Research

Gomez Cruz, E.; Sumartojo, S.; Pink, S. (Eds.)

2017, XXVI, 136 p. 15 illus., 12 illus. in color., Hardcover

ISBN: 978-3-319-61221-8