

Contents

<i>Illustrations</i>	<i>xiii</i>
<i>Notes on contributors</i>	<i>xiv</i>
<i>Acknowledgements</i>	<i>xxii</i>

INTRODUCTIONS

i	David Bell	
	CYBERCULTURES READER: A USER'S GUIDE	1
ii	Barbara Kennedy	
	THE 'VIRTUAL MACHINE' AND NEW BECOMINGS IN PRE-MILLENNIAL CULTURE	13

PART ONE

Approaching cyberculture

	David Bell	
	INTRODUCTION	25
	1. Michael Benedikt	
	CYBERSPACE: FIRST STEPS	29
	2. Shawn P. Wilbur	
	AN ARCHAEOLOGY OF CYBERSPACES: VIRTUALITY, COMMUNITY, IDENTITY	45

3. Arturo Escobar

WELCOME TO CYBERIA: NOTES ON THE ANTHROPOLOGY
OF CYBERCULTURE 56

4. Kevin Robins

CYBERSPACE AND THE WORLD WE LIVE IN 77

5. Arthur Kroker and Marilouise Kroker

CODE WARRIORS: BUNKERING IN AND DUMBING DOWN 96

PART TWO

popular cybercultures

Barbara Kennedy

INTRODUCTION 107

6. Mark Oehlert

FROM CAPTAIN AMERICA TO WOLVERINE: CYBORGS IN
COMIC BOOKS: ALTERNATIVE IMAGES OF CYBERNETIC
HEROES AND VILLAINS 112

7. Forest Pyle

MAKING CYBORGS, MAKING HUMANS: OF TERMINATORS
AND BLADE RUNNERS 124

8. Vivian Sobchack

NEW AGE MUTANT NINJA HACKERS: READING *MONDO 2000* 138

9. Scott Bukatman

TERMINAL PENETRATION 149

10. David Tomas

THE TECHNOPHILIC BODY: ON TECHNICITY IN WILLIAM
GIBSON'S CYBORG CULTURE 175

11. Alison Landsberg

PROSTHETIC MEMORY: *TOTAL RECALL* AND *BLADE RUNNER* 190

PART THREE

cybersubcultures

David Bell

INTRODUCTION 205

12. Deena Weinstein and Michael A. Weinstein
NET GAME CAMEO 210

13. Susan Clerc
ESTROGEN BRIGADES AND 'BIG TITS' THREADS: MEDIA
FANDOM ON-LINE AND OFF 216

14. Richard Thieme
STALKING THE UFO MEME 230

15. Susan Zickmund
APPROACHING THE RADICAL OTHER: THE DISCURSIVE
CULTURE OF CYBERHATE 237

16. Andrew Ross
HACKING AWAY AT THE COUNTER-CULTURE 254

17. Tiziana Terranova
POST-HUMAN UNBOUNDED: ARTIFICIAL EVOLUTION AND
HIGH-TECH SUBCULTURES 268

PART FOUR

cyberfeminisms

Barbara Kennedy

INTRODUCTION 283

18. Donna Haraway
A CYBORG MANIFESTO: SCIENCE, TECHNOLOGY AND
SOCIALIST-FEMINISM IN THE LATE TWENTIETH CENTURY 291

19. Sadie Plant
ON THE MATRIX: CYBERFEMINIST SIMULATIONS 325

20. Claudia Springer
DIGITAL RAGE 337

21. Nina Wakeford	
NETWORKING WOMEN AND GRRRLS WITH INFORMATION/ COMMUNICATION TECHNOLOGY: SURFING TALES OF THE WORLD WIDE WEB	350
22. Judith Squires	
FABULOUS FEMINIST FUTURES AND THE LURE OF CYBERCULTURE	360
23. Chela Sandoval	
NEW SCIENCES: CYBORG FEMINISM AND THE METHODOLOGY OF THE OPPRESSED	374
 PART FIVE cybersexual	
David Bell	
INTRODUCTION	391
24. Gareth Branwyn	
COMPU-SEX: EROTICA FOR CYBERNAUTS	396
25. Nina Wakeford	
CYBERQUEER	403
26. Randal Woodland	
QUEER SPACES, MODEM BOYS AND PAGAN STATUES: GAY/LESBIAN IDENTITY AND THE CONSTRUCTION OF CYBERSPACE	416
27. Daniel Tsang	
NOTES ON QUEER 'N' ASIAN VIRTUAL SEX	432
28. Thomas Foster	
'TRAPPED BY THE BODY?' TELEPRESENCE TECHNOLOGIES AND TRANSGENDERED PERFORMANCE IN FEMINIST AND LESBIAN REWRITINGS OF CYBERPUNK FICTION	439
29. Sadie Plant	
COMING ACROSS THE FUTURE	460

PART SIX

cyberbodies

Barbara Kennedy

INTRODUCTION 471

30. Deborah Lupton

THE EMBODIED COMPUTER/USER 477

31. Anne Balsamo

THE VIRTUAL BODY IN CYBERSPACE 489

32. Allucquère Rosanne Stone

WILL THE REAL BODY PLEASE STAND UP? BOUNDARY
STORIES ABOUT VIRTUAL CULTURES 504

33. Timothy Leary

THE CYBERPUNK: THE INDIVIDUAL AS REALITY PILOT 529

34. Jennifer González

ENVISIONING CYBORG BODIES: NOTES FROM CURRENT
RESEARCH 540

PART SEVEN

post-(cyber)bodies

David Bell

INTRODUCTION 555

35. Stelarc

FROM PSYCHO-BODY TO CYBER-SYSTEMS: IMAGES AS
POST-HUMAN ENTITIES 560

36. Mark Dery

RITUAL MECHANICS: CYBERNETIC BODY ART 577

37. Susan Stryker

TRANSSEXUALITY: THE POSTMODERN BODY AND/AS
TECHNOLOGY 588

38. Diana Gromala

PAIN AND SUBJECTIVITY IN VIRTUAL REALITY 598

39. **Mike Featherstone**
POST-BODIES, AGING AND VIRTUAL REALITY 609
40. **Lisa Cartwright**
THE VISIBLE MAN: THE MALE CRIMINAL SUBJECT AS
BIOMEDICAL NORM 619

PART EIGHT
scaling cyberspaces

- David Bell**
INTRODUCTION 627
41. **Susan Leigh Star**
FROM HESTIA TO HOME PAGE: FEMINISM AND THE
CONCEPT OF HOME IN CYBERSPACE 632
42. **Michele Willson**
COMMUNITY IN THE ABSTRACT: A POLITICAL AND
ETHICAL DILEMMA? 644
43. **Michael Ostwald**
VIRTUAL URBAN FUTURES 658
44. **Ananda Mitra**
VIRTUAL COMMONALITY: LOOKING FOR INDIA ON
THE INTERNET 676

PART NINE
Cybercolonization

- David Bell**
INTRODUCTION 697
45. **Graham Barwell and Kate Bowles**
BORDER CROSSINGS: THE INTERNET AND THE DISLOCATION
OF CITIZENSHIP 702
46. **Lisa Nakamura**
RACE IN/FOR CYBERSPACE: IDENTITY TOURISM AND
RACIAL PASSING ON THE INTERNET 712

47. Jon Stratton	
CYBERSPACE AND THE GLOBALIZATION OF CULTURE	721
48. Ziauddin Sardar	
ALT.CIVILIZATIONS.FAQ: CYBERSPACE AS THE DARKER SIDE OF THE WEST	732
<i>Index</i>	753

Illustrations

<i>Figure 1</i>	Involuntary Body/Third Hand	564
<i>Figure 2</i>	Stomach Sculpture	565
<i>Figure 3</i>	Stomach Sculpture	566
<i>Figure 4</i>	Fractal Flesh: An Internet Body Upload Performance	568
<i>Figure 5</i>	Stimbod Software	569
<i>Figure 6</i>	Stimbod Software	569
<i>Figure 7</i>	Remote: Event for Laser Eye and Involuntary Arm	574
<i>Figure 8</i>	Scanning Robot/Automatic Arm	575
<i>Figure 9</i>	Scanning Robot/Involuntary Arm	575