Contents

Contributors ................................................................. ix
Summaries ......................................................................... xiii
Introduction ....................................................................... xxiii
Invited Lecture: Visions and Problems of the Post-Industrial Society
   Mike Cooley .................................................................... xxvii

I Culture and Technology

1. Knowledge and the Post-Industrial Society
   Karamjit S. Gill .......................................................... 3

2. Media and the Cultural Condition: Language and Education
   Inger Lytje .................................................................. 30

3. Knowledge and Sustainable Development: Towards the Furtherance of a Global Communication System
   Tom Whistton .............................................................. 43

4. The Keyboard Blues: Modern Technology and the Rights and Risks of People at Work
   Patricia Shipley .......................................................... 57

5. Ethics is Fragile, Goodness is Not
   Fernando Leal ............................................................ 78

6. Organisational Spaces and Intelligent Machines: A Metaphorical Approach to Ethics
   Luis Montaño Hirose .................................................... 90

7. Information System Design: Human Centred Approaches
   Jim Thorpe ................................................................. 104

II Information Society: Working and Learning Dimensions

8. Technological Change, Social Innovation and Employment
   Peter van den Besselaar and Theresa Mom .................. 127

   Matthew Jones .......................................................... 147
10. The Role of Creativity in Post-Industrial Society: Exploring the Implications of Non-Conventional Technologies for Work and Management Organisation
   
   Paul Levy .......................................................... 159

11. The Global Information Society and Rural Economies
   
   Arild Jansen ....................................................... 169

12. Information Communication Technology and Society: A Community-Based Approach
   
   Peter Day .......................................................... 186

13. Technology Transfer and Development
   
   Fatima Portela Cysne ............................................. 211

14. Information, Knowledge and Empowerment: The Role of Information in Rural Development
   
   Janet Cooper ....................................................... 230

15. Participative Citizenry in the Information Age: The Role of Science and Technology Towards Democratic Education in a Multicultural Society
   
   John Clay .......................................................... 246

III Information Society: Postmodernism Debate

16. New Media and Cultural Representation
   
   Jeff Taylor ......................................................... 257

17. Consensus and Authenticity in Representation: Simulation as Participative Theatre
   
   Michael T. Black .................................................. 276

18. Cognitive Technology
   
   Barbara Gorayska and Jacob L. Mey ................................ 287

19. Electronic Mail, IT Productivity and Workplace Culture
   
   C.W. Boyne .......................................................... 295

20. Deadly Technology in the Post-Industrial Society: A Case Study of Firearms and Firearms Control
   
   Peter Squires ......................................................... 304

21. Resistance Postmodernism: Emancipatory Politics for a New Era or Academic Chic for a Defeatist Intelligentsia?
   
   Mike Cole and Dave Hill ......................................... 330

22. Postmodernism, Dance and Post-Industrial Society
   
   Graham McFee ....................................................... 342

23. Creativity Constellation for Innovation and Cooperation
   
   Robert C. Muller ................................................... 355