
Contents:
- Preface
- Acknowledgments
- Design principles
- Desktop
- Windows
- Menus
- Controls
- Dialog boxes
- Interaction and feedback
- Appendix A. Comparison of windowing system. Component terminology
- Appendix B. Comparison of windowing system. Components—Graphical representations
- Selected bibliography
- Index
- About the authors


Contents:
- Preface
- The nature of risks
- Reliability and safety problems
- Security vulnerabilities
- Causes and effects
- Security and integrity problems
- Threats to privacy and well-being
- A system-oriented perspective
- A human-oriented perspective
- Implications and conclusions
- Epilogue
- Appendix A. Background materials
- Notes
- References
- Glossary
- Index


Contents:
- Preface
- List of symbols
- Part 1. Overview
- Prologue
- A view of system development
- Part 2. Set theory and induction
- 1. Sets and basic set operations
- 2. Relations and functions
- 3. Induction and recursion
- Part 3. Symbolic logic
- 5. Introduction to symbolic logic
- 6. Propositional logic
- 7. First-order predicate logic
- 8. Formal deduction in first-order logic
- 9. Formal proofs in set theory
- Part 4. Feature notation, lists and trees
- 11. Families and lists
- 12. Forests and trees
- Part 5. Application case studies
- 13. Introduction to application case studies
- 14. An evolving set model
- 15. An evolving dictionary model
- 16. A tree edicot (TED)
- 17. A general resource allocation model (ResAll)
- References
- Index


Contents:
- Preface
- Introduction
- Categorization of neural network hardware
- Nervous systems and their simulation
- Digital VLSI building blocks
- Analog building blocks
- Optoelectronic and optical building blocks
- Digital neurocomputers
- Analog and mixed analog/digital neurocomputers
- Optoelectronic and optical neurocomputers
- References
- Index


Contents:
- Preface
- Introduction
- Boolean algebra
- L-matrix
- L-language
- String acceptors
- ω-theory: L-automaton/L-process
- The selection/resolution model
- Reduction of verification
- Structural induction
- Binary decision diagrams
- Appendices
- Bibliography
- Glossary
- Index


Contents:
- Foreword by Joshua Lederberg
- Acknowledgements
- News from the frontiers
- Derek Leebaert
- I. Awakening possibilities
- Denos C. Gazis
- Is any of this relevant?
- David Vaskevitch
- The keys to the highway
- Peter F. Conklin
- Eric Newcomer
- II. New kinds of possibility
- Deborah K. Louis
- The future of workgroup computing
- Alexander Morrow
- Scott Brown
- Natural-language and human-intelligence capabilities
- Gustave Essig
- III. On the knowledge frontier
- Where's the “Walkman” in Japan's software future?
- Edward A. Feigenbaum
- Property of the mind
- Jeffrey P. Cunard
- Knowledge and the new magnitudes of connection
- Derek Leebaert and William B. Welty
- About the authors
- Index


Contents:
- Acknowledgments
- Introduction
- Part 1. Intertheoretic Considerations
- 1. Autonomy and implementation
- 2. Context, taxonomy, and mechanism
- 3. Picking levels
- Part 2. Bounding and embedding
- 4. The frame problems
- 5. Boundness and contingency
- 6. Exploiting the environment
- Part 3. Minds in the world
- 7. Interactive decomposition
- 8. Embedded language
- 9. Interactive perception
- Part 4. Philosophical implications
- 10. Intentionality and its objects
- 11. The autonomy of subjectivity
- 12. Existential cognition
- References
- Index