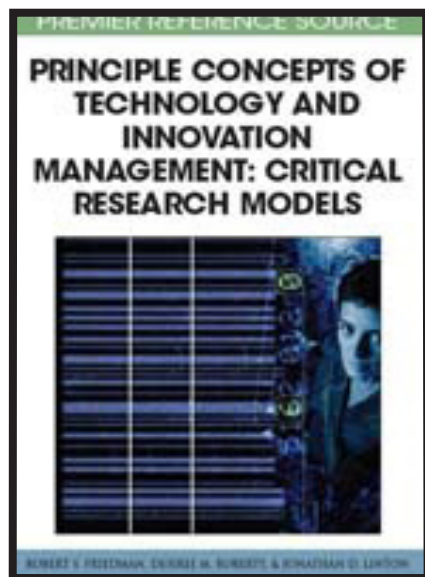


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## Principle Concepts of Technology and Innovation Management: Critical Research Models



**Authored by: Robert S. Friedman, New Jersey Institute of Technology, USA; Desiree M. Roberts, Rensselaer Polytechnic Institute, USA; Jonathan D. Linton, University of Ottawa, Canada**

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Desiree M. Roberts, Rensselaer Polytechnic Institute, USA; Jonathan D. Linton, University of Ottawa, Canada

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## Topics Covered

- Future of technology and innovation management
- Human interaction with technology
- Industrial perspective to innovation management
- Innovative practice
- IT open source
- Organizational perspective on technology management
- Process models
- Product-based process model
- Seminal work in technology and innovation management
- Software development
- Technology and innovation management
- Technology development
- Technology social influence
- TIM research trends and directions
- User-based process model

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**Robert S. Friedman** is associate professor of Humanities and Information Technology, Director of the Science, Technology and Society program, and director of the Distributed Faculty of Social Sciences at New Jersey Institute of Technology, (Newark, New Jersey). His research examines science and culture, socio-technical systems design, and the role of technology in education. Dr. Friedman holds advanced degrees in the humanities and information systems, has published books and peer-reviewed articles concerning information and communication technologies, technologies in education, as well as the history of science and technology in 19th-century America. Dr. Friedman serves as editor-in-chief of the ACM's Special Interest Group for Information Technology Education's peer-reviewed *SIGITE Newsletter*, and teaches an array of graduate and undergraduate courses on socio-technical systems in their cultural contexts.

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