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Smart Card Handbook 4th Edition

Klaus Finkenzeller



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Protocols for Secure Electronic Commerce Mostafa Hashem Sherif, 2017-12-19 Protocols for Secure Electronic Commerce Third Edition presents a compendium of protocols for securing electronic commerce or e commerce in consumer and business to business applications Attending to a variety of electronic payment systems currently in use around the globe this edition Updates all chapters to reflect the latest technical advances and developments in areas such as mobile commerce Adds a new chapter on Bitcoin and other cryptocurrencies that did not exist at the time of the previous edition s publication Increases the coverage of PayPal in accordance with PayPal s amplified role for consumers and businesses Expands the discussion of bank cards dedicating a full chapter to magnetic stripe cards and a full chapter to chip and PIN technology Protocols for Secure Electronic Commerce Third Edition offers a state of the art overview of best practices for the security of e commerce complete with end of chapter review questions and an extensive bibliography of specialized references A Solutions Manual and PowerPoint slides are available with qualifying course adoption

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regulations Taking into account critical modern concerns this handbook provides the latest information on the use of RFID in ticketing and electronic passports the security of RFID systems explaining attacks on RFID systems and other security matters such as transponder emulation and cloning defence using cryptographic methods and electronic article surveillance frequency ranges and radio licensing regulations The text explores schematic circuits of simple transponders and readers and includes new material on active and passive transponders ISO IEC 18000 family ISO IEC 15691 and 15692 It also describes the technical limits of RFID systems A unique resource offering a complete overview of the large and varied world of RFID Klaus Finkenzeller's volume is useful for end users of the technology as well as practitioners in auto ID and IT designers of RFID products Computer and electronics engineers in security system development microchip designers and materials handling specialists benefit from this book as do automation industrial and transport engineers Clear and thorough explanations also make this an excellent introduction to the topic for graduate level students in electronics and industrial engineering design Klaus Finkenzeller was awarded the Fraunhofer Smart Card Prize 2008 for the second edition of this publication which was celebrated for being an outstanding contribution to the smart card field [Web Commerce Security](#) Hadi Nahari, Ronald L. Krutz, 2011-04-26 Provides information on designing effective security mechanisms for e commerce sites covering such topics as cryptography authentication information classification threats and attacks and certification

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Bidgoli, 2010 The discipline of technology management focuses on the scientific engineering and management issues related to the commercial introduction of new technologies Although more than thirty U S universities offer PhD programs in the subject there has never been a single comprehensive resource dedicated to technology management The Handbook of Technology Management fills that gap with coverage of all the core topics and applications in the field Edited by the renowned Doctor Hossein Bidgoli the three volumes here include all the basics for students educators and practitioners

The Practical Handbook of Internet Computing Munindar P. Singh, 2004-09-29 The Practical Handbook of Internet Computing analyzes a broad array of technologies and concerns related to the Internet including corporate intranets Fresh and insightful articles by recognized experts address the key challenges facing Internet users designers integrators and policymakers In addition to discussing major applications it also covers the architectures enabling technologies software utilities and engineering techniques that are necessary to conduct distributed computing and take advantage of Web based services The Handbook provides practical advice based upon experience standards and theory It examines all aspects of Internet computing in wide area and enterprise settings ranging from innovative applications to systems and utilities enabling technologies and engineering and management Content includes articles that explore the components that make Internet computing work including storage servers and other systems and utilities Additional articles examine the technologies and structures that support the Internet such as directory services agents and policies The volume also discusses the multidimensional aspects of Internet applications including mobility collaboration and pervasive computing It concludes with an examination of the Internet as a holistic entity with considerations of privacy and law combined with technical content

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