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Soggetti	Computers and civilization Application software Cryptography Data encryption (Computer science) User interfaces (Computer systems) Human-computer interaction Social sciences Technology - Philosophy Computers and Society Computer and Information Systems Applications Cryptography User Interfaces and Human Computer Interaction Society Philosophy of Technology
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Nota di contenuto	History of Computing -- Morality and the Law -- Ethics and Ethical Analysis -- Ethics and the Professions -- Anonymity, Security, Privacy, and Civil Liberties -- Intellectual Property Rights and Computer Technology -- Social Context of Computing -- Software Issues: Risks and Liabilities -- Computer Crimes -- New Frontiers for Computer Ethics: Artificial Intelligence -- New Frontiers for Computer Ethics: Virtualization and Virtual Reality -- New Frontiers for Computer Ethics: Cyberspace and Online Social Networks -- Ethical, Privacy and Security

Issues in the Social Network EcoSystems -- Mobile Systems and Intractable Social, Ethical and Security Issues -- Computer Crime Investigations – Computer Forensics -- Biometrics.

Sommario/riassunto

The rapid pace of change in computing demands a continuous review of our defensive strategies, and a strong ethical framework in our computer science education. This fully revised and enhanced fifth edition of Ethical and Social Issues in the Information Age examines the ethical, social, and policy challenges stemming from the convergence of computing and telecommunication, and the proliferation of mobile information-enabling devices. This accessible and engaging text surveys thought-provoking questions about the impact of these new technologies. Topics and features: Establishes a philosophical framework and analytical tools for discussing moral theories and problems in ethical relativism Offers pertinent discussions on privacy, surveillance, employee monitoring, biometrics, civil liberties, harassment, the digital divide, and discrimination Examines the new ethical, cultural and economic realities of computer social network ecosystems (NEW) Reviews issues of property rights, responsibility and accountability relating to information technology and software Discusses how virtualization technology informs our ethical behavior (NEW) Introduces the new frontiers of ethics: virtual reality, artificial intelligence, and the Internet Surveys the social, moral and ethical value systems in mobile telecommunications (NEW) Explores the evolution of electronic crime, network security, and computer forensics Provides exercises, objectives, and issues for discussion with every chapter This comprehensive textbook incorporates the latest requirements for computer science curricula. Both students and practitioners will find the book an invaluable source of insight into computer ethics and law, network security, and computer crime investigation.
