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Security and Privacy Assurance in Advancing Technologies: New Developments

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Recent advances in computing and communication networks allow us to utilize information technology in ways previously unimaginable. In order for us to take full advantage of the possibilities offered by these new technologies, organizations, governmental agencies, and individuals must find ways to address the associated security and privacy implications of their actions and behaviors.

Security and Privacy Assurance in Advancing Technologies: New Developments provides a comprehensive collection of knowledge from experts within the field of information security and privacy. This book explores the changing roles of information technology and how this change will impact information security and privacy. The evolving nature of information security and privacy brings additional challenges and opportunities for all of us to carry into the future.

Topics Covered:

- Consumer and business practices and trends
- Database issues in privacy protection
- Economic impact analysis
- Encryption, authentication, and access control
- File and file system security and privacy
- Global issues
- Hacking and corruptions
- Identity and privacy confidentiality
- Peer-to-Peer computing
- Relationships and trade-offs between security and privacy
- Security and privacy techniques, management, and protocols
- Tools, techniques, methods, and frameworks
- Trends and new developments

Market: This premier publication is essential for all academic and research library reference collections. It is a crucial tool for academicians, researchers, and practitioners and is ideal for classroom use.

Dr. Hamid Nemati is an Associate Professor of Information Systems at the Information Systems and Operations Management Department of The University of North Carolina at Greensboro. He holds a doctorate from the University of Georgia and a Master of Business Administration from The University of Massachusetts. Before coming to UNCG, he was on the faculty of J. Mack Robinson College of Business Administration at Georgia State University. He also has extensive professional experience as a consultant with a number of major corporations. Dr. Nemati is the Editor-in-Chief of **International Journal of Information Security and Privacy** and the **Advances in Information Security and Privacy** (AISP) Book Series. His research specialization is in the areas of decision support systems, data warehousing and mining, and information security and privacy. His research articles have appeared in a number of premier journals. He has presented numerous research and scholarly papers nationally and internationally.

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