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Nota di contenuto	Part I Cybersecurity -- Safeguarding Personal Health Information: Case Study -- Cybersecurity as People Powered Perpetual Innovation -- Performance Study of the Impact of Security on 802.11ac Networks -- Training Neural Tensor Networks with the Never Ending Language Learner -- PERIA-Framework: A Prediction Extension Revision Image Annotation Framework -- The Modern State and the Further Development Prospects of Information Security in the Republic of Kazakhstan -- Evaluating Cyber Threats to the United Kingdom's National Health Service (NHS) Spine Network -- A Virtual Animated Commentator Architecture for Cybersecurity Competitions -- Malicious Software Classification using VGG16 Deep Neural Network's Bottleneck Features -- Cybersecurity Vulnerabilities Assessment (A Systematic Review Approach) -- A Self Proxy Signature Scheme over NTRU Lattices -- Towards an Ontology of Security Assessment: a core model proposal -- Integration of Mobile Forensic Tool Capabilities -- Deep Packet Inspection: A Key Issue for Network Security -- What Petya/NotPetya

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Sommario/riassunto

This volume presents a collection of peer-reviewed, scientific articles from the 15th International Conference on Information Technology – New Generations, held at Las Vegas. The collection addresses critical areas of Machine Learning, Networking and Wireless Communications, Cybersecurity, Data Mining, Software Engineering, High Performance Computing Architectures, Computer Vision, Health, Bioinformatics, and Education. Features the most recent advances in information technology; Presents early work and novel results from research laboratories around the world; Facilitates managers making business decisions, academics shaping research work, and educators keeping abreast of recent advances in learning technologies.