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	Nota di contenuto	Frontmatter -- Preface -- Acknowledgments -- About the Editors -- Contents -- List of contributors -- Impact evaluation of DDoS and Malware attack using IoT devices -- Understanding and implementation of machine learning using support vector machine for efficient DDoS attack detection -- Cryptographic method based on Catalan objects and enumerative chess problem -- Distributed denial-of-service attacks and mitigation in wireless sensor networks -- New techniques for DDoS attacks mitigation in resource-constrained networks -- Detection and behavioral analysis of botnets using honeynets and classification techniques -- Selected practical and effective techniques to combat distributed denial-of-service (DDoS) attacks -- Probability, queuing, and statistical perspective in the distributed denial-of-service attacks domain -- Frequently used machine learning algorithm for detecting the distributed denial-of-service (DDoS) attacks -- Utilization of puzzles for protection against DDoS attacks -- Index
	Sommario/riassunto	This book presents new concepts against Distributed Denial of Service (DDoS) attacks. It follows a systematic approach providing cryptographic and mathematical solutions that include aspects of encryption, decryption, hashing techniques, digital signatures, authentication, probability, statistical improvements to machine learning and soft computing as well as latest trends like blockchains to

mitigate DDoS attacks.