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Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Keynote Paper -- Ethics and Privacy in Autonomous Systems: A software exoskeleton to empower the user -- Invited Paper -- A distilled characterization of resilience and its embraced properties based on state-spaces -- Resilience Engineering in Complex and Critical Applications -- Modelling Autonomous Resilient Multi-Robotic Systems -- Reactive Middleware for Effective Requirement Change Management of Cloud-Based Global Software Development -- Fault-tolerant IoT - a Systematic Mapping Study -- JARVIS, a hardware/software framework for resilient Industry 4.0 systems -- Testing and Validation Methods -- Toward testing self-organizations in multi-embedded-agent systems -- Towards Integrated Correctness

Analysis and Performance Evaluation of Software Systems -- Security, Trust and Privacy Management -- An Energy Aware Approach to Trust Management Systems for Embedded Multi-Agents Systems -- Addressing Security Properties in Systems of Systems: Challenges and Ideas -- On the Use of Quality Models to Characterize Trustworthiness Properties.

Sommario/riassunto

This book constitutes the refereed proceedings of the 11th International Workshop on Software Engineering for Resilient Systems, SERENE 2019, held in Naples, Italy, in September 2019. The 5 full papers and 4 short papers presented together with 1 keynote and 1 invited paper were carefully reviewed and selected from 12 submissions. They cover the following areas: resilience engineering in complex and critical applications; testing and validation methods; security, trust and privacy management.