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   Titolo   Integration, Interconnection, and Interoperability of IoT Systems / / edited by Raffaele Gravina, Carlos E. Palau, Marco Manso, Antonio Liotta, Giancarlo Fortino

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   Descrizione fisica   1 online resource (XII, 232 p. 55 illus., 39 illus. in color.)

   Collana   Internet of Things, Technology, Communications and Computing, , 2199-1073

   Disciplina   621.382

   Soggetti   Electrical engineering
                        Application software
                        System safety
                        Computer security
                        Communications Engineering, Networks
                        Information Systems Applications (incl. Internet)
                        Security Science and Technology
                        Systems and Data Security

   Lingua di pubblicazione   Inglese

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   Livello bibliografico   Monografia

   Nota di bibliografia   Includes bibliographical references at the end of each chapters.

   Nota di contenuto   Open and Interoperable IoT Architectures -- Device and Communications Layers -- Application, Security and Data Layers.

   Sommario/riassunto   This edited book investigates the lack of interoperability in the IoT realm, including innovative research as well as technical solutions to interoperability, integration, and interconnection of heterogeneous IoT systems, at any level. It also explores issues caused by lack of interoperability such as impossibility to plug non-interoperable IoT devices into heterogeneous IoT platforms, impossibility to develop IoT applications exploiting multiple platforms in homogeneous and/or cross domains, slowness of IoT technology introduction at large-scale: discouragement in adopting IoT technology, increase of costs; scarce reusability of technical solutions and difficulty in meeting user satisfaction.