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| Descrizione fisica      | 1 online resource (XXXI, 884 p. 221 illus., 150 illus. in color.)   |
| Collana                 | Advances in Intelligent Systems and Computing, , 2194-5365 ; ; 1282   |
| Disciplina              | 620.00285   |
| Soggetti                | Engineering - Data processing<br>Cooperating objects (Computer systems)<br>Computational intelligence<br>Machine learning<br>Big data<br>Data Engineering<br>Cyber-Physical Systems<br>Computational Intelligence<br>Machine Learning<br>Big Data   |
| Lingua di pubblicazione | Inglese   |
| Formato                 | Materiale a stampa  |
| Livello bibliografico   | Monografia  |
| Note generali           | Includes index.   |
| Sommario/riassunto      | This book presents the proceedings of The 2020 International Conference on Machine Learning and Big Data Analytics for IoT Security and Privacy (SPIoT-2020), held in Shanghai, China, on November 6, 2020. Due to the COVID-19 outbreak problem, SPIoT-2020 conference was held online by Tencent Meeting. It provides comprehensive coverage of the latest advances and trends in information technology, science and engineering, addressing a number of broad themes, including novel machine learning and big data analytics methods for IoT security, data mining and statistical modelling for the secure IoT and machine learning-based security detecting protocols, which inspire |

the development of IoT security and privacy technologies. The contributions cover a wide range of topics: analytics and machine learning applications to IoT security; data-based metrics and risk assessment approaches for IoT; data confidentiality and privacy in IoT; and authentication and access control for data usage in IoT. Outlining promising future research directions, the book is a valuable resource for students, researchers and professionals and provides a useful reference guide for newcomers to the IoT security and privacy field.

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