Record Nr. UNINA9910483802903321 Engineering in Dependability of Computer Systems and Networks: **Titolo** Proceedings of the Fourteenth International Conference on Dependability of Computer Systems DepCoS-RELCOMEX, July 1–5, 2019, Brunów, Poland / / edited by Wojciech Zamojski, Jacek Mazurkiewicz, Jarosaw Sugier, Tomasz Walkowiak, Janusz Kacprzyk Pubbl/distr/stampa Cham:,: Springer International Publishing:,: Imprint: Springer,, 2020 3-030-19501-5 **ISBN** Edizione [1st ed. 2020.] Descrizione fisica 1 online resource (569 pages) Advances in Intelligent Systems and Computing, , 2194-5365;; 987 Collana Disciplina 004.24 005 Soggetti Computational intelligence **Dynamics** Nonlinear theories Artificial intelligence

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Sommario/riassunto

This book presents papers on various problems of dependability in computer systems and networks that were discussed at the 14th DepCoS-RELCOMEX conference, in Brunów, Poland, from 1st to 5th July 2019. Discussing new ideas, research results and developments in the design, implementation, maintenance and analysis of complex computer systems, it is of interest to researchers and practitioners who are dealing with dependability issues in such systems. Dependability analysis came as a response to new challenges in the evaluation of contemporary complex systems, which should be considered as systems of people – with their needs and behaviours –interacting with

technical communication channels (such as mobile activities, iCloud,

Internet of Everything) and online applications, often operating in hostile environments. The diversity of topics covered, illustrates the variety of methods used in this area, often with the help of the latest results in artificial and computational intelligence.