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| Titolo                  | Distributed Computing and Artificial Intelligence, 14th International Conference // edited by Sigeru Omatsu, Sara Rodríguez, Gabriel Villarrubia, Pedro Faria, Pawe Sitek, Javier Prieto   |
| Pubbl/distr/stampa      | Cham : , : Springer International Publishing : , : Imprint : Springer, , 2018  |
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| Edizione                | [1st ed. 2018.]  |
| Descrizione fisica      | 1 online resource (XVIII, 344 p. 137 illus.)   |
| Collana                 | Advances in Intelligent Systems and Computing, , 2194-5365 ; ; 620   |
| Disciplina              | 004.36   |
| Soggetti                | Computational intelligence<br>Artificial intelligence<br>Computational Intelligence<br>Artificial Intelligence   |
| Lingua di pubblicazione | Inglese  |
| Formato                 | Materiale a stampa   |
| Livello bibliografico   | Monografia   |
| Note generali           | Includes index.  |
| Nota di contenuto       | Optimization of urban freight distribution with different time constraints - a hybrid approach -- Artificial bee colony algorithms for two-sided assembly line worker assignment and balancing problem -- Minimizing energy consumption in a straight robotic assembly line using differential evolution algorithm -- Application of Fuzzy Logic and Genetic Algorithms in Automated Works Transport Organization -- Quality Assessment of Implementation of Strategy Design Pattern.  |
| Sommario/riassunto      | The 14th International Symposium on Distributed Computing and Artificial Intelligence 2017 (DCAI 2017) provided a forum for presenting the application of innovative techniques to study and solve complex problems. The exchange of ideas between scientists and technicians from both the academic and industrial sector is essential to advancing the development of systems that can meet the ever-growing demands of today's society. The book brings together past experience, current work and promising future trends in distributed computing, artificial intelligence and their applications to efficiently solve real-world problems. It combines contributions in well-established and evolving areas of research, including the content of the DCAI 17 Special Sessions, which focused on multi-disciplinary and transversal aspects, |

such as AI-driven methods for multimodal networks and processes modeling, and secure management towards smart buildings and smart grids. The symposium was jointly organized by the Polytechnic of Porto, the Osaka Institute of Technology and the University of Salamanca. The latest event was held in Porto, Portugal, from 21st to 23rd June 2017.

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