

1. Record Nr.	UNINA9910983046303321
Autore	Quintian Hector
Titolo	The 19th International Conference on Soft Computing Models in Industrial and Environmental Applications SOCO 2024 : Salamanca, Spain, October 9-11, 2024 Proceedings, Volume 2 // edited by Héctor Quintián, Emilio Corchado, Alicia Troncoso Lora, Hilde Pérez García, Esteban Jove, José Luis Calvo Rolle, Francisco Javier Martínez de Pisón, Pablo García Bringas, Francisco Martínez Álvarez, Álvaro Herrero Cosío, Paolo Fosci
Pubbl/distr/stampa	Cham : , : Springer Nature Switzerland : , : Imprint : Springer, , 2025
ISBN	9783031750106
Edizione	[1st ed. 2025.]
Descrizione fisica	1 online resource (336 pages)
Collana	Lecture Notes in Networks and Systems, , 2367-3389 ; ; 889
Altri autori (Persone)	CorchadoEmilio Troncoso LoraAlicia Perez GarciaHilde JoveEsteban Calvo RolleJose Luis Martínez de PisónFrancisco Javier Garcia BringasPablo Martinez AlvarezFrancisco Herrero CosíoÁlvaro
Disciplina	006.3
Soggetti	Computational intelligence Industrial engineering Production engineering Computational Intelligence Industrial and Production Engineering
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	-- Part I Special Session: Machine Learning and Computer Vision in Industry 4.0. -- Chapter 1 Computer Vision Based Quality Control for Molding Injection Machines. -- Chapter 2 Towards a comprehensive taxonomy of cobots: A tool for multi-criteria classification. -- Chapter 3 Novel positional encoding methods for neural rendering. -- Chapter

4 Enhancing Object Segmentation via Few-Shot Learning with Limited Annotated Data. -- Chapter 5 Early breast cancer detection by automated analysis of mammograms with deep convolutional networks. -- Chapter 6 Feature Selection for Multi-Label Classification in Predictive Maintenance. -- Chapter 7 Transforming Manufacturing through Human Digital Twins: A New Architectural Approach, etc.

Sommario/riassunto

This volume of Advances in Intelligent and Soft Computing contains accepted papers presented at the SOCO 2024 conference held in the beautiful and historic city of Salamanca (Spain) in October 2024. Soft computing represents a collection or set of computational techniques in machine learning, computer science, and some engineering disciplines that investigate, simulate, and analyze very complex issues and phenomena. After a thorough peer-review process, the 18th SOCO 2023 International Program Committee selected 62 papers for publication in these conference proceedings, representing an acceptance rate of 50%. In this relevant edition, a particular emphasis was put on organizing special sessions. Four special sessions were organized related to relevant topics such as Machine Learning and Computer Vision in Industry 4.0, Intelligent Models and Frameworks for Smart Agriculture and Green Economy, Computational Intelligence Applied to Modelling and Control of Engineering Systems, and Applied Machine Learning (2nd Edition). The selection of papers was extremely rigorous to maintain the high quality of the conference. We want to thank the members of the Program Committees for their hard work during the reviewing process. This is a crucial process for creating a high-standard conference; the SOCO conference would not exist without their help.
