1. **Record Nr.** UNINA9910863144003321

Titolo Advances in Physical Agents II : Proceedings of the 21st International Workshop of Physical Agents (WAF 2020), November 19-20, 2020, Alcalá de Henares, Madrid, Spain / / edited by Luis M. Bergasa, Manuel Ocaña, Rafael Barea, Elena López-Guillén, Pedro Revenga

Pubbl/distr/stampa Springer International Publishing, 2021

Cham : , : Springer International Publishing : , : Imprint : Springer, , 2021

ISBN 3-030-62579-6

Edizione [1st ed. 2021.]

Descrizione fisica 1 online resource (XI, 362 p. 174 illus., 155 illus. in color.)

Collana Advances in Intelligent Systems and Computing, , 2194-5365 ; ; 1285

Disciplina 006.3

Soggetti Control engineering
Multiagent systems
Robotics
Computer vision
Control and Systems Theory
Multiagent Systems
Robotic Engineering
Computer Vision

Lingua di pubblicazione Inglese

Formato Materiale a stampa

Livello bibliografico Monografia

Note generali Includes index.

Sommario/riassunto The book reports on cutting-edge Artificial Intelligence (AI) theories and methods aimed at the control and coordination of agents acting and moving in a dynamic environment. It covers a wide range of topics relating to: autonomous navigation, localization and mapping; mobile and social robots; multiagent systems; human-robot interaction; perception systems; and deep-learning techniques applied to the robotics. Based on the 21st edition of the International Workshop of Physical Agents (WAF 2020), held virtually on November 19-20, 2020, from Alcalá de Henares, Madrid, Spain, this book offers a snapshot of the state-of-the-art in the field of physical agents, with a special

emphasis on novel AI techniques in perception, navigation and human robot interaction for autonomous systems.