1.	Record Nr.	UNINA9910484632203321
	Titolo	Advances in physical agents II : proceedings of the 21st international Workshop od Physical agents (WAF 2020), November 19-20, 2020, Alcala de Henares, Madrid, Spain / / Luis M. Bergasa [and four others]
	Pubbl/distr/stampa	Cham, Switzerland : , : Springer, , [2021] ©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, , 2194-5357 ; ; 1285
	Disciplina	006.3
	Soggetti	Robotics and Automation Multiagent systems Control and Systems Theory
	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.