1.	Record Nr.	UNINA9910483997303321
	Titolo	Designing Cognitive Cities / / edited by Edy Portmann, Marco E. Tabacchi, Rudolf Seising, Astrid Habenstein
	Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2019
	ISBN	9783030003173 3030003175
	Edizione	[1st ed. 2019.]
	Descrizione fisica	1 online resource (271 pages)
	Collana	Studies in Systems, Decision and Control, , 2198-4190 ; ; 176
	Disciplina	307.1216
	Soggetti	Computational intelligence Artificial intelligence Computational Intelligence Artificial Intelligence
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	Nota di contenuto	Cognitive Cities: An Approach from Citizens -- Possibilities for Linguistic Summaries in Cognitive Cities -- An Exploration of Creative Reasoning -- Using Fuzzy Cognitive Maps to Arouse Learning Processes in Cities -- The Role of Interpretable Fuzzy Systems in Designing Cognitive Cities -- Towards Cognitive Cities in the Energy Domain -- A Dynamic Route Planning Prototype for Cognitive Cities.
	Sommario/riassunto	This book illustrates various aspects and dimensions of cognitive cities. Following a comprehensive introduction, the first part of the book explores conceptual considerations for the design of cognitive cities, while the second part focuses on concrete applications. The contributions provide an overview of the wide diversity of cognitive city conceptualizations and help readers to better understand why it is important to think about the design of our cities. The book adopts a transdisciplinary approach since the cognitive city concept can only be achieved through cooperation across different academic disciplines (e. g., economics, computer science, mathematics) and between research and practice. More and more people live in a growing number of ever-larger cities. As such, it is important to reflect on how cities need to be

designed to provide their inhabitants with the means and resources for a good life. The cognitive city is an emerging, innovative approach to address thisneed.