1.	Record Nr.	UNISALENTO991001285999707536
	Autore	Haken, Hermann
	Titolo	Synergetics : an introduction ; nonequilibrium phase transitions and self-organization in physics, chemistry and biology / Hermann Haken
	Pubbl/distr/stampa	Berlin : Springer-Verlag, 1977
	ISBN	3540078851
	Descrizione fisica	xii, 325 p. : ill. ; 25 cm.
	Classificazione	53.1.65
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	Soggetti	System theory
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	Note generali	Includes bibliography and index.

2.	Record Nr.	UNINA9910349278603321
	Autore	Lops Pasquale
	Titolo	Semantics in Adaptive and Personalised Systems : Methods, Tools and Applications / / by Pasquale Lops, Cataldo Musto, Fedelucio Narducci, Giovanni Semeraro
	Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2019
	ISBN	3-030-05618-X
	Edizione	[1st ed. 2019.]
	Descrizione fisica	1 online resource (XVIII, 186 p. 104 illus., 80 illus. in color.)
	Disciplina	006.3 006
	Soggetti	Artificial intelligence Application software Microcomputers Data mining Artificial Intelligence Information Systems Applications (incl. Internet) Personal Computing Data Mining and Knowledge Discovery
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	Nota di bibliografia	Includes bibliographical references.
	Nota di contenuto	Introduction -- Basics of Content Representation -- Encoding Endogenous Semantics -- Encoding Exogenous Semantics -- Adaptive and Personalized Systems based on Semantics -- Conclusions and Future Challenges -- Available Tools and Resources.
	Sommario/riassunto	This monograph gives a complete overview of the techniques and the methods for semantics-aware content representation and shows how to apply such techniques in various use cases, such as recommender systems, user profiling and social media analysis. Throughout the book, the authors provide an extensive analysis of the techniques currently proposed in the literature and cover all the available tools and libraries to implement and exploit such methodologies in real-world scenarios. The book first introduces the problem of information overload and the reasons why content-based information needs to be

taken into account. Next, the basics of Natural Language Processing are provided, by describing operations such as tokenization, stopword removal, lemmatization, stemming, part-of-speech tagging, along with the main problems and issues. Finally, the book describes the different approaches for semantics-aware content representation: such approaches are split into 'exogenous' and 'endogenous' ones, depending on whether external knowledge sources as DBpedia or geometrical models and distributional semantics are used, respectively. To conclude, several successful use cases and an extensive list of available tools and resources to implement the approaches are shown. Semantics in Adaptive and Personalised Systems definitely fills the gap between the extensive literature on content-based recommender systems, natural language processing, and the different types of semantics-aware representations.