

1. Record Nr.	UNINA9910298447503321
Autore	Cambria Erik
Titolo	Sentic Computing : A Common-Sense-Based Framework for Concept-Level Sentiment Analysis / / by Erik Cambria, Amir Hussain
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2015
ISBN	3-319-23654-7
Edizione	[1st ed. 2015.]
Descrizione fisica	1 online resource (196 p.)
Collana	Socio-Affective Computing, , 2509-5706 ; ; 1
Disciplina	610
Soggetti	Neurosciences Data mining Semantics Cognitive psychology Data Mining and Knowledge Discovery Cognitive Psychology
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Introduction -- SenticNet -- Sentic Patterns -- Sentic Applications -- Conclusion -- Index.
Sommario/riassunto	This volume presents a knowledge-based approach to concept-level sentiment analysis at the crossroads between affective computing, information extraction, and common-sense computing, which exploits both computer and social sciences to better interpret and process information on the Web. Concept-level sentiment analysis goes beyond a mere word-level analysis of text in order to enable a more efficient passage from (unstructured) textual information to (structured) machine-processable data, in potentially any domain. Readers will discover the following key novelties, that make this approach so unique and avant-garde, being reviewed and discussed: • Sentic Computing's multi-disciplinary approach to sentiment analysis- evidenced by the concomitant use of AI, linguistics and psychology for knowledge representation and inference • Sentic Computing's shift from syntax to semantics-enabled by the adoption of the bag-of-concepts model instead of simply counting word co-occurrence

frequencies in text • Sentic Computing's shift from statistics to linguistics-implemented by allowing sentiments to flow from concept to concept based on the dependency relation between clauses This volume is the first in the Series Socio-Affective Computing edited by Dr Amir Hussain and Dr Erik Cambria and will be of interest to researchers in the fields of socially intelligent, affective and multimodal human-machine interaction and systems.
