

1. Record Nr.	UNINA9910483740203321
Autore	Klahold André
Titolo	Computer Aided Writing // by André Klahold, Madjid Fathi
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2020
ISBN	3-030-27439-X
Edizione	[1st ed. 2020.]
Descrizione fisica	1 online resource (178 pages) : illustrations
Disciplina	005 005.52
Soggetti	Engineering—Data processing Computational intelligence Data mining Natural language processing (Computer science) Robotics Automation Data Engineering Computational Intelligence Data Mining and Knowledge Discovery Natural Language Processing (NLP) Robotics and Automation
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Writing and Writing Tools -- A Model of the Writing Process -- Word processing as writing support -- Journalism as a Professional Form of Writing -- Research as an elementary component -- Content Management -- Knowledge Discovery from Text (KDT) -- Recommender Systems -- Future Developments and Forecasts -- Automatic Text Generation -- Index of Figures -- Bibliography.
Sommario/riassunto	This book deals with "Computer Aided Writing", CAW for short. The contents of that is a sector of Knowledge based technics and Knowledge Management. The role of Knowledge Management in social media, education and Industry 4.0 is out of question. More important is the expectation of combining Knowledge Management and Cognitive

Technology, which needs more and more new innovations in this field to face recent problems in social and technological areas. The book is intended to provide an overview of the state of research in this field, show the extent to which computer assistance in writing is already being used and present current research contributions. After a brief introduction into the history of writing and the tools that were created, the current developments are examined on the basis of a formal writing model. Tools such as word processing and content management systems will be discussed in detail. The special form of writing, "journalism", is used to examine the effects of Computer Aided Writing. We dedicate a separate chapter to the topic of research, since it is of essential importance in the writing process. With Knowledge Discovery from Text (KDT) and recommendation systems we enter the field of Knowledge Management in the context of Computer Aided Writing. Finally, we will look at methods for automated text generation before giving a final outlook on future developments.
