

1. Record Nr.	UNINA9910810238303321
Autore	Teich Elke <1963->
Titolo	Systemic functional grammar in natural language generation : linguistic description and computational representation // Elke Teich
Pubbl/distr/stampa	London ; ; New York, : Cassell, 1999
ISBN	1-281-29143-9 9786611291433 1-84714-072-6
Edizione	[1st ed.]
Descrizione fisica	1 online resource (269 p.)
Collana	Communication in artificial intelligence
Disciplina	410/.285
Soggetti	Computational linguistics Systemic grammar Dependency grammar
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	Contents; List of Figures; List of Tables; Preface; Acknowledgements; Notational Conventions; 1 Introduction; 2 Theory and Linguistic Representation: Systemic Functional Linguistics; 3 Computational Application: Grammar Models in Natural Language Generation; 4 Description: A Systemic Functional Grammar of German for Natural Language Generation; 5 Computational Representation: A Proposal for Dependency in Systemic Functional Grammar; 6 Summary and Conclusions; Bibliography; Index
Sommario/riassunto	This volume deals with the computational application of systemic functional grammar (SFG) for natural language generation. In particular, it describes the implementation of a fragment of the grammar of German in the computational framework of KOMET-PENMAN for multilingual generation. The text also presents a specification of explicit well-formedness constraints on syntagmatic structure which are defined in the form of typed feature structures. It thus achieves a model of systemic functional grammar that unites both the strengths of systemics, such as stratification, functional diversification