

1. Record Nr.	UNINA9911092269603321
Titolo	Analyses of script : properties of characters and writing systems / / edited by Gabriel Altmann, Fan Fengxiang
Pubbl/distr/stampa	Berlin ; ; New York, : Mouton de Gruyter, c2008
ISBN	9786612196744 9781282196742 128219674X 9783110207101 3110207109
Edizione	[1st ed.]
Descrizione fisica	1 online resource (184 p.)
Collana	Quantitative linguistics, , 0179-3616 ; ; 63
Altri autori (Persone)	AltmannGabriel FanFengxiang <1950->
Disciplina	411
Soggetti	Writing - Mathematical models Mathematical linguistics
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 indexes.
Nota di contenuto	Frontmatter -- Contents -- I. Introduction -- Quantitative analysis of writing systems: an introduction -- II. The phoneme-grapheme relation -- The phoneme-grapheme relationship in Italian -- Graphemic representation of English phonemes -- The phoneme-grapheme relationship in Slovene -- On the distribution of graphemic representations -- The phoneme-grapheme relation in Slovak -- III. Special problems -- Script ornamentality -- On the decrease of complexity from hieroglyphs to hieratic symbols -- The fractal dimension of script: an experiment -- On graphemic representation of the Oriya phonemes -- On the relation between types and tokens of Japanese morae -- IV. Towards a theory -- Towards a theory of script -- Backmatter
Sommario/riassunto	This volume presents 12 papers on a new approach to the analysis of writing systems. For the first time, quantitative methods are introduced into this area of research in a systematic way. The individual contributions give an overview about quantitative properties of symbols and of writing systems, introduce methods of analysis, study individual

writing systems as used for different languages, set up an explanatory model of phenomena connected to script development/evolution, and give a perspective to a general theory of writing systems.
