

1. Record Nr.	UNINA9910784062603321
Autore	Morgan Candia
Titolo	Writing mathematically : the discourse of investigation / / andia Morgan
Pubbl/distr/stampa	Bristol, Pa. : , : Farmer Press, , 1998
ISBN	1-135-70953-X 1-135-70954-8 1-280-40082-X 0-203-22427-2 0-203-01771-4
Descrizione fisica	1 online resource (243 p.)
Collana	Studies in mathematics education series ; ; 9
Disciplina	510/.71
Soggetti	Mathematics - Study and teaching Technical writing
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 (p. 212-227) and index.
Nota di contenuto	Book Cover; Title; Contents; List of Figures and Table; Acknowledgments; Preface by Series Editor; Introduction; 'The Language of Mathematics' ; Characteristics of Written Mathematical Texts; Writing in the Mathematics Classroom; Learning to Write Mathematically; The Public Discourse of 'Investigation'; A Critical Linguistic Approach to Mathematical Text; Reading Investigative Mathematical Texts; The Assessment of Investigations and Teacher Assessment; Investigating Teachers Reading Coursework; Teachers' Responses to Student Writing; Assessing Difference: 'Creativity' and Error Towards a Critically Aware Mathematical Writing CurriculumReferences; Index
Sommario/riassunto	School mathematics curricula internationally tend to emphasise problem-solving and have led to the development of opportunities for children to do maths in a more open, creative way. This has led to increased interest in 'performance-based' assessment, which involves children in substantial production of written language to serve as 'evidence' of their mathematical activity and achievement. However, this raises two important questions. Firstly, does this writing accurately

present children's mathematical activity and ability? Secondly, do maths teachers have sufficient linguistic awareness to
