

1. Record Nr.	UNINA990001211580403321
Titolo	Complex analysis Joensuu 1987 : Proceedings of the XIIIth Rolf Nevanlinna Colloquium held in Joensuu, Finland, Aug. 10-13, 1987 / eds. I. Laine, R. Rickman, T. Sorvali
Pubbl/distr/stampa	Berlin [etc.] : Springer-Verlag, 1988
Locazione	MA1
Collocazione	C-20-(1351
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
2. Record Nr.	UNINA9910451150203321
Titolo	Argumentation in science education [[electronic resource]] : perspectives from classroom-based research / / Sibel Erduran, Maria Pilar Jimenez-Aleixandre, editors
Pubbl/distr/stampa	Dordrecht, : Springer, 2007
ISBN	1-281-14005-8 9786611140052 1-4020-6670-8
Edizione	[1st ed. 2007.]
Descrizione fisica	1 online resource (302 p.)
Collana	Science & technology education library ; ; v. 35
Altri autori (Persone)	ErduranSibel AleixandreMarilar <1947->
Disciplina	507.12
Soggetti	Science - Study and teaching (Secondary) Science - Methodology Critical thinking Electronic books.
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	Pt. I. Argumentation foundations -- pt. II. Research on teaching and

Sommario/riassunto

This book brings together the work of leading experts in argumentation in science education. It presents research combining theoretical and empirical perspectives relevant for secondary science classrooms. Since the 1990's, argumentation studies have increased at a rapid pace, from stray papers to a wealth of research exploring ever more sophisticated issues. This volume constitutes a unique collection and covers fundamental issues in argumentation such as cognitive, methodological and epistemological aspects; classroom-based research in teaching and learning of argumentation in science classrooms; and argumentation in context such as in socio-scientific and moral contexts. The book's underlying premise is that argumentation is a significant aspect of scientific inquiry and plays an important role in teaching and learning of science. Argumentation also contributes to the agenda of informed citizenship where students are encouraged and supported in evidence-based reasoning in their everyday lives. "Argumentation appeared as a major theme in science education research during the mid-1990's. Since that time, researchers working on themes such as the nature of science in science education, science education for citizenship, and language in the science classroom have all addressed argumentation in their work. This book brings together key lines of work and key scholars, presenting a state-of-the-art review of argumentation in science education." Professor John Leach The University of Leeds, UK.
