

1. Record Nr.	UNISA996387655103316
Autore	Record Robert <1510?-1558.>
Titolo	The ground of arts [[electronic resource]] : teaching the perfect worke and practise of arithmeticke, both in whole numbers and fractions after a more easie and exact sort then hitherto hath beene set foorth / / made by Mr. Robert Record ... ; and now lately diligently corrected and beautified with sundry new rules and necessary additions ... ; whereunto are also added diuers tables and instructions ... by Iohn Mellis ; and now lastly corrected by Iohn Wade
Pubbl/distr/stampa	London, : Printed for Iohn Harison dwelling in Paternoster [?] Row, at the signe of the Greyhound, 1610
Descrizione fisica	[28], 33-557, [2] p. : ill
Altri autori (Persone)	MellisJohn <fl. 1588.> WadeJohn
Soggetti	Arithmetic
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Signatures: A-2M. Numerous errors in paging. Imperfect: A1,2 lacking in filmed copy (probably blank); tightly bound, with slight loss of print. Reproduction of original in the Trinity College (University of Cambridge). Library.
Sommario/riassunto	eebo-0120

2. Record Nr.	UNINA9910741139503321
Autore	Pirner Hans J
Titolo	The Unknown as an Engine for Science : An Essay on the Definite and the Indefinite // by Hans J. Pirner
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2015
ISBN	3-319-18509-8
Edizione	[1st ed. 2015.]
Descrizione fisica	1 online resource (156 p.)
Collana	The Frontiers Collection, , 1612-3018
Disciplina	500
Soggetti	Physics Philosophy and science Logic, Symbolic and mathematical History and Philosophical Foundations of Physics Philosophy of Science Mathematical Logic and Foundations
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.
Nota di contenuto	Introduction -- Evidence for the Indefinite -- Approaching the Definite -- Establishing the Definite from the Indefinite.- The Unknown as an Engine of Science: Summary.
Sommario/riassunto	This book explores the limits of our knowledge. The author shows how uncertainty and indefiniteness not only define the borders confining our understanding, but how they feed into the process of discovery and help to push back these borders. Starting with physics the author collects examples from economics, neurophysiology, history, ecology and philosophy. The first part shows how information helps to reduce indefiniteness. Understanding rests on our ability to find the right context, in which we localize a problem as a point in a network of connections. New elements must be combined with the old parts of the existing complex knowledge system, in order to profit maximally from the information. An attempt is made to quantify the value of information by its ability to reduce indefiniteness. The second part explains how to handle indefiniteness with methods from fuzzy logic, decision theory, hermeneutics and semiotics. It is not sufficient that the

new element appears in an experiment, one also has to find a theoretical reason for its existence. Indefiniteness becomes an engine of science, which gives rise to new ideas.</p>
