1. Record Nr. UNINA990009390970403321

Autore	Habel, Robert E.
Titolo	Guide to the dissection of domestic ruminants / by Robert E. Habel
Pubbl/distr/stampa	Ithaca, N.Y. : Robert Habel, 1964
Descrizione fisica	VI, 233 p. : ill. ; 27 cm
Locazione	DMVSF
Collocazione	IIIf C 32
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia

2. Record Nr. UNINA9910824620103321

Autore	Cucker Felipe <1958->
Titolo	Manifold mirrors : the crossing paths of the arts and mathematics / / Felipe Cucker, City University of Hong Kong [[electronic resource]]
Pubbl/distr/stampa	Cambridge : , : Cambridge University Press, , 2013
ISBN	1-107-23303-8 1-107-34737-8 1-139-01463-3 1-107-34860-9 1-107-34112-4 1-107-34487-5 0-521-72876-2 1-107-34362-3
Descrizione fisica	1 online resource (x, 415 pages) : digital, PDF file(s)
Disciplina	700.1/05
Soggetti	Arts - Mathematics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Title from publisher's bibliographic system (viewed on 05 Oct 2015).

Nota di bibliografia	Includes bibliographical references and indexes.
Sommario/riassunto	Most works of art, whether illustrative, musical or literary, are created subject to a set of constraints. In many (but not all) cases, these constraints have a mathematical nature, for example, the geometric transformations governing the canons of J. S. Bach, the various projection systems used in classical painting, the catalog of symmetries found in Islamic art, or the rules concerning poetic structure. This fascinating book describes geometric frameworks underlying this constraint-based creation. The author provides both a development in geometry and a description of how these frameworks fit the creative process within several art practices. He furthermore discusses the perceptual effects derived from the presence of particular geometric characteristics. The book began life as a liberal arts course and it is certainly suitable as a textbook. However, anyone interested in the power and ubiquity of mathematics will enjoy this revealing insight into the relationship between mathematics and the arts.