

1. Record Nr.	UNISALENTO991000512069707536
Autore	Wright, David
Titolo	Mathematics and music / David Wright
Pubbl/distr/stampa	Providence, R.I. : American Mathematical Society, c2009
ISBN	9780821848739 0821848739
Descrizione fisica	xiv, 161 p. : ill. ; 26 cm
Collana	Mathematical world ; 28
Classificazione	AMS 00-01
Disciplina	781.0151
Soggetti	Musical intervals and scales Music theory - Mathematics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references (p. 147) and index
Nota di contenuto	Basic mathematical and musical concepts ; Horizontal structure ; Harmony and related numerology ; Ratios and musical intervals ; Logarithms and musical intervals ; Chromatic scales ; Octave identification and modular arithmetic ; Algebraic properties of the integers ; The integers as intervals ; Timbre and periodic functions ; The rational numbers as musical intervals ; Tuning the scale to obtain rational intervals