

1. Record Nr.	UNINA9910798423503321
Autore	Manzo V. J.
Titolo	Max/MSP/Jitter for music : a practical guide to developing interactive music systems for education and more // V. J. Manzo
Pubbl/distr/stampa	Oxford, [England] ; ; New York, New York : , : Oxford University Press, , 2016 ©2016
ISBN	0-19-024376-7 0-19-024375-9
Edizione	[Second edition.]
Descrizione fisica	1 online resource (432 p.)
Disciplina	781.3/45133
Soggetti	Computer music - Instruction and study
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	Cover ; Max/MSP/Jitter for Music: A Practical Guide to Developing Interactive Music Systems for Education and More; Copyright ; Contents; Foreword; Preface; Why Design Custom Software?; Technology in the Classroom; Book Design; Basic Troubleshooting; Acknowledgments; About the Companion Website; 1: Introduction to Programming ; Introduction to Max ; The Max Window ; Help Patchers ; Arguments ; Separating Items in a Message ; Numbers: Integers and Floating Points ; Aligning ; Commenting ; Inspector ; Key Commands ; New Objects Learned ; Remember ; Additional Tutorials ; On Your Own 2: Generating Music The RAT Patch ; MIDI (Musical Instrument Digital Interface) ; Synthesizing MIDI Numbers ; Adding Timing ; Slider Patch ; Rat Patch 2 ; MIDI Input ; Key Commands ; New Objects Learned ; Remember ; Additional Tutorials ; On Your Own ; 3: Math and Music ; Math in Max ; Forming Intervals ; Window Dressing ; Creating Chords ; Presentation Mode ; Further Customization ; Comments ; Key Commands ; New Objects Learned ; Remember ; Additional Tutorials ; Homework ; 4: Scales and Chords ; Scale Maker ; Chord Maker ; Order of Operations ; Setting Values ; New Objects Learned Remember Additional Tutorials ; On Your Own ; 5: Interactive Ear Training ; Ear Trainer ; Further Customization ; New Objects Learned ; Remember ; On Your Own ; 6: Data Structures ; Adding External Objects

; Tonality in Max ; Filtering Chromatic Notes to Diatonic Notes ;  
Random Tonal Music ; Abstractions and Subpatchers ; Working with  
Pitch Classes ; Alternate Way ; Tables ; New Objects Learned ;  
Remember ; Additional Tutorials ; External Objects Database Concise  
Reference List ; On Your Own ; 7: Control Interfaces ; bpatchers ; MIDI  
Out bpatcher ; Saving Settings ; Control Interfaces  
Chords Storing Presets ; New Objects Learned ; Remember ; Additional  
Tutorials ; On Your Own ; 8: Control Interfaces Continued ; Arguments  
for Abstractions ; Using the Mouse ; Using Videogame Controllers ;  
New Objects Learned ; Remember ; Additional Tutorials ; On Your Own ;  
9: Tools for Music Theory Concepts ; Chord Progressions ; Scale  
Analysis ; Mode Relationships ; Harmonic Direction ; Harmonization ;  
New Objects Learned ; Additional Tutorials ; On Your Own ; 10:  
Working with Time ; Sequencing ; Step Sequencers ; The Transport ;  
Overdrive ; Remember ; New Objects Learned  
Additional Tutorials On Your Own ; 11: Building Standalone  
Applications ; Preparing the Application ; Building the Application ;  
Icons ; Styles ; Permission and Cross-platform Building ; Remember ;  
New Objects Learned ; Additional Tutorials ; On Your Own ; 12:  
Introduction to Max for Live ; Overview ; Crash Course in Ableton Live ;  
Live Browser ; Max for Live ; Plug-Ins Device Browser ; Other Menus ;  
Places ; Adding Book Content ; Working in Live ; Arrangement View ;  
MIDI and Audio Tracks ; Max for Live ; Writing a MIDI Program ; Simple  
Math ; Additional Max Functions Controlling Live  
Installation for Foghorn

---

## Sommario/riassunto

In Max/MSP/Jitter for Music, author and music technologist V. J. Manzo provides a user-friendly introduction to a powerful programming language that can be used to write custom software for musical interaction. This second edition brings the book fully up-to-date with new applications in integrating Max with Ableton Live and offers source code for a variety of new projects.

---