



Getting Start to MUSIC THEORY

夏洋 XIA Yang

Jun. 13th, 2012

Bionic Ear and Sound Technology Laboratory
仿生耳与声音技术实验室




Introduction to MUSIC

- 👂 What are musicians doing now?
 - 👂 Composition and conducting
 - 👂 History of music
 - 👂 Music Theory
 - 👂 Performance and improvisation
 - 👂 Musical acoustic and cognition
 - 👂 Record production
 - 👂 Business
 - 👂 Education
 - 👂 Music therapy



Introduction to MUSIC

MUSIC

-  Music is an art form whose medium is sound and silence. Its common elements are pitch (which governs melody and harmony), rhythm (which associates with the concepts of tempo, meter and articulation), dynamics, and the sonic qualities of timbre and texture.



Introduction to MUSIC

- 👂 Fundamentals of musical acoustics
 - 👂 Hearing physiology
 - 👂 Musical psychology (pitch / dynamics / tempo / timbre)
 - 👂 Instruments and vocal
 - 👂 Room acoustics



Contents

- 👂 Tones
- 👂 Notation
- 👂 Intervals
- 👂 Chords
- 👂 Orchestral and Instruments

