

Introduction

Disclaimer

What is Music Theory

Non-mathematical Languages

How does maths come into it?

Physiology

Describe Structure of the Ear

Describe Hearing Mechanisms

Masking

[PLAY #1: MASKING EXAMPLE]

Combination Tones

[PLAY #2: COMBINATION TONES EXAMPLE]

Consonance/Dissonance

Plomp and Levelt's Experiment

Helmholtz's Theory

Sethares's Model

[PLAY #3: OCTAVES]

[PLAY #4: MUSICAL ILLUSTRATION]

Western Art-Music

[PLAY #5: NON-WESTERN EXAMPLE]

Harmonic Structure

12-tone derivation

American School

Rough Description

T/I and PLR groups

Zurich School

Description

Modulation

Cadences

Schönberg's Theory of Modulation

Mazzola's Theory of Modulation