

## Musimathics The Mathematical Foundations Of Music Volume 1

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*Musimathics, Volume 2 | The MIT Press*

Musimathics will be essential for those who want to understand the scientific foundations of music, and for anyone wishing to create or process musical sounds with computers. ? Jean-Claude Risset, Laboratoire de Mécanique et d'Acoustique, CNRS, France

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*Musimathics: The Mathematical Foundations Of Music Volume 2 ...*

Musimathics presents a thorough discussion of the mathematical and physical bases of music, from the basic properties of sounds through advanced topics such as acoustics, psychophysics, and mathematical systems of composition. The author, Gareth Loy, states that he once considered subtitling this book "Everything I wanted to know about music when I was eleven" because at that age he was frustrated by his inability to understand the mathematics which lie behind the phenomenon of music.