



Music and Mathematics: From Pythagoras to Fractals

From John Fauvel

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From Ancient Greek times, music has been seen as a mathematical art, and the relationship between mathematics and music has fascinated generations. This collection of wide ranging, comprehensive and fully-illustrated papers, authorized by leading scholars, presents the link between these two subjects in a lucid manner that is suitable for students of both subjects, as well as the general reader with an interest in music. Physical, theoretical, physiological, acoustic, compositional and analytical relationships between mathematics and music are unfolded and explored with focus on tuning and temperament, the mathematics of sound, bell-ringing and modern compositional techniques.

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Music and Mathematics: From Pythagoras to Fractals From John Fauvel Bibliography

- Rank: #1211985 in Books
- Brand: John Fauvel
- Published on: 2006-09-14
- Original language: English
- Number of items: 1
- Dimensions: 7.30" h x .40" w x 9.60" l, 1.01 pounds
- Binding: Paperback
- 200 pages



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Editorial Review

Review

"An ear-opening book for students of mathematics, especially those who plan to teach, whose style will also suit music students keen to think in new ways. Recommended"--*Choice*

About the Author

John Fauvel is formerly of the Open University, UK. Raymond Flood is in the Department for Continuing Education, Oxford University. Robin Wilson is at Keble College, Oxford University.

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