



Good Vibrations: The Physics of Music

By Barry R. Parker

Johns Hopkins University Press. Hardback. Book Condition: new. BRAND NEW, Good Vibrations: The Physics of Music, Barry R. Parker, Why does a harpsichord sound different from a piano? For that matter, why does middle C on a piano differ from middle C on a tuning fork, a trombone, or a flute? Good Vibrations explains in clear, friendly language the out-of-sight physics responsible not only for these differences but also for the whole range of noises we call music. The physical properties and history of sound are fascinating to study. Barry Parker's tour of the physics of music details the science of how instruments, the acoustics of rooms, electronics, and humans create and alter the varied sounds we hear. Using physics as a base, Parker discusses the history of music, how sounds are made and perceived, and the various effects of acting on sounds. In the process, he demonstrates what acoustics can teach us about quantum theory and explains the relationship between harmonics and the theory of waves. Peppered throughout with anecdotes and examples illustrating key concepts, this invitingly written book provides a firm grounding in the actual and theoretical physics of music.



READ ONLINE
[4.01 MB]

Reviews

This book may be really worth a read through, and far better than other. it was actually writtern extremely completely and valuable. I am just very easily will get a satisfaction of looking at a published ebook.

-- **Lillie Toy**

It is easy in read through easier to fully grasp. it had been writtern very completely and useful. I am pleased to let you know that here is the greatest book we have read during my personal life and could be he very best book for possibly.

-- **Miss Marge Jerde**