

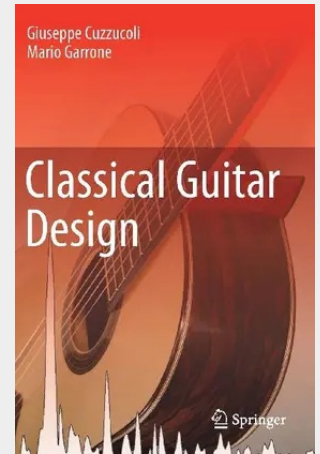
Classical Guitar Design

This book describes the entire process of designing guitars, including the theory and guidelines for implementing it in practice. It discusses areas from acoustics and resonators to new tools and how they assist traditional construction techniques.

The book begins by discussing the fundamentals of the sounds of a guitar, strings, and oscillating systems. It then moves on to resonators and acoustics within the guitar, explaining the analysis systems and evaluation methods, and comparing classic and modern techniques. Each area of the guitar is covered, from the soundboard and the back, to the process of closing the instrument. The book concludes with an analysis of historic and modern guitars.

This book is of interest to luthiers wanting to advance their practice, guitar players wishing to learn more about their instruments, and academics in engineering and physics curious about the principles of acoustics when applied to musical instruments.

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