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Autore	Bucur Voichita
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Nota di contenuto	Preface -- PART 1 Classification and sound of percussion instruments -- Chapter 1 Introduction -- Chapter 2 Organology of percussion instruments for the classic symphony orchestra -- Chapter 3 About the sound of percussion instruments -- Chapter 4 Methodology for percussion instruments testing -- PART 2 Structural parts of the Instruments -- Chapter 5 Materials for membranophones - timpani, drums, tambourine -- Chapter 6. Idiophones made of wood and played with mallets: marimba and xylophone -- Chapter 7 Metallic idiophones played with mallets -- Chapter 8. Struck idiophones played with mallets: gongs, cymbals, chimes, bell plates, triangle -- Chapter 9 The Mallets -- Chapter 10 The carillon -- Chapter 11 A percussion idiophone instrument with keyboard: the celesta -- Chapter 12 Concussion idiophones -- Chapter 13 New Percussion Instruments -- PART 3 Properties of Materials -- Chapter 14 Properties of wood species for percussion instruments -- Chapter 15 Metallic alloys for percussion instruments -- Chapter 16 Leather for percussion instruments -- Chapter 17 New materials for percussion instruments

-- PART 4 Maintenance and conservation of percussion instruments --
Chapter18. Care, maintenance and restoration of percussion
instruments -- Chapter 19 Conservation of percussion instruments --
Chapter 20 Patents for percussion instruments.

Sommario/riassunto

This book describes the properties of materials used for making percussion instruments for classical music played by a symphony orchestra in which the instruments could be played as a soloist instrument or as a group or several groups of instruments, as they are included into a musical work. A chapter is devoted to the bells. The scope of this book is primarily confined to percussion instruments of symphony orchestras taking into account the centuries of musical art and tradition. This book bridges the gap in the technical literature on describing the properties of materials for percussion instruments— timpani, other drums, marimba, xylophone, vibraphone, gong, cymbal, triangle, celesta, castanets.
