Audio Anecdotes: Tools, Tips, and Techniques for Digital Audio: v. 1

By Ken Greenebaum, Ronen Barzel

Taylor & Francis Inc. Hardback. Book Condition: new. BRAND NEW, Audio Anecdotes: Tools, Tips, and Techniques for Digital Audio: v. 1, Ken Greenebaum, Ronen Barzel, Audio Anecdotes is a book about digital sound. It discusses analyzing, processing, creating, and recording many forms of sound and music, emphasizing the opportunities presented by digital media made possible by the arrival of inexpensive and nearly ubiquitous digital computing equipment. Applications of digital audio techniques are indispensable in: - The recording industry - The film industry - Interactive gaming - Computer Human Interaction. The contributors to this volume include researchers, recording engineers, and sound designers, as well as creative artists, and the articles reflect this broad spectrum of experience in dealing with: - The fundamentals: the physics, measurement and perception of sound - Signal processing: the mathematical manipulation of sound - Recording and playback of sound: including music, voice, and field recording - Synthesis: rendering sounds which never existed including the synthesis of musical instruments, voice, or noise (Foley Sound) - Signal processing applications: from compression techniques to signal detection and recognition - Computer techniques: efficiently implementing low latency high performance audio systems on digital computers - Music theory: the mathematics of both western...

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