

Digital Voice - - speech coding practical tutorial



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Reviews

*Undoubtedly, this is actually the very best job by any writer. It is loaded with wisdom and knowledge You will not really feel monotony at anytime of your respective time (that's what catalogs are for concerning when you check with me).
(Prof. Lawson Stokes IV)*

DIGITAL VOICE - - SPEECH CODING PRACTICAL TUTORIAL



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paperback. Condition: New. Ship out in 2 business day, And Fast shipping, Free Tracking number will be provided after the shipment. Pages Number: 373 Publisher: Posts Telecom Press Pub. Date :2004-11. This book systematically discusses the field of digital speech and audio coding basics. computational methods experiment to explore. and new technologies related to the key algorithms and applications. Introduction to the content. including voice coding. voice signal sampling and quantization. speech signal analysis and modeling. using the line spectrum frequency (LSF) to quantify the linear predictive coding (LPC) parameters. according to the synthetic analysis (AbS) voice coding scheme. low delay speech coding. multi-band excitation speech coding. low-rate speech coding. wideband speech coding. speech coding standards for a variety of programs and algorithms. speech coder quality assessment. speech coding. real-time implementation. the system application. This book explain the concept of clear. systematic and strong. is the author and voice for many years engaged in digital voice coding. lessons learned. with a strong practical. as institutions of higher learning communication engineering. information processing professional undergraduate and graduate high school materials. but also for communication. signal and information processing aspects of engineering and technical personnel to read. Contents: Chapter 1 Introduction to speech coding for digital speech coding 11.1 11.2 The need for speech coding and speech coding 11.3 impetus basics acoustic loudness level and loudness 31.3.1 31.3.2 41.3.3 auditory masking and auditory critical band masking in 61.3.4 The role of speech coding vocal organs of acoustic-electric sound of analog circuits 71.3.5 language mathematical models of the physical characteristics of the speech signal 101.4 151.4.1 speech signal in time domain and frequency domain characteristics of speech signals 151.4.2 171.4.3 statistical properties of the bit rate required for voice transmission to remove the estimated 191.5 211.6 voice redundancy approach the classification of speech coder...



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