



## Speech Signal Processing (4th Edition College textbooks Eleventh Five Year Plan)

By HU HANG

paperback. Book Condition: New. Ship out in 2 business day, And Fast shipping, Free Tracking number will be provided after the shipment. Pages Number: 286 Publisher: Harbin Institute of Technology Pub. Date :2009-07-01 version 4. This book systematically describes the basis for speech signal processing. concepts. principles. methods and applications. and the new progress in subject areas . also introduced the discipline of background knowledge. the development of profiles. research status. application development trends and prospects and direction. Both focus on the basic theories. methods described. and the re-methods and new technologies. Book is divided into three 17 chapters. the first of a voice signal processing infrastructure. including Chapter 1 Introduction. Chapter 2. the basics of speech signal processing; the first two audio signal analysis. including Chapter 3 to Chapter 9. Introduction voice signal. various analytical methods and techniques. including time-domain analysis. short-time Fourier analysis. homomorphic filtering and cepstrum analysis. linear prediction analysis. vector quantization. hidden Markov models and voice detection technology analysis; the first three speech signal processing technology and applications. including Chapter 10 to Chapter 17. describing the speech coding (1) - waveform coding. speech coding (2) - vocoder technology and hybrid coding. speech synthesis. speech recognition. speaker recognition....



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