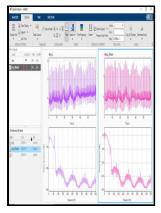
# Real-time spectral processing of speech.

# - - Enhancement of noise



Description: -

- -Real-time spectral processing of speech.
- -Real-time spectral processing of speech.

Notes: Thesis (Ph.D.)--The Queens University of Belfast, 1980.

This edition was published in 1980



Filesize: 5.79 MB

Tags: #Real

#### A History of Spectral Audio Signal Processing

In another five scans, speed was kept constant while the number of tones sampled within the octave was doubled at each level, resulting in increasingly fine frequency differences.

## **Auditory Spectral Processing: An Overview**

. BPSK modulation and antipodal signaling for CDMA are used in these simulations.

#### SPECTRAL AUDIO SIGNAL PROCESSING

Lesions to right but not left primary auditory cortical areas, for example, specifically impair the perception of missing fundamental pitch , and direction of pitch change ; more generally, damage to the superior temporal cortex on the right also affects a variety of other tonal or spectral processing tasks ; ; ; ; ; . The project was approved by the Gallaudet University institutional review board, and subjects were paid for their participation. Since it is of FDM type, the synthesis and analysis filter functions,  $\{Giz\}$  and  $\{Hiz\}$  in Fig.

## A History of Spectral Audio Signal Processing

This implies that all the user codes are spread both in the time and frequency domains. The process of removing the formants is called inverse filtering, and the remaining signal after the subtraction of the filtered modelled signal is called the residue.

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