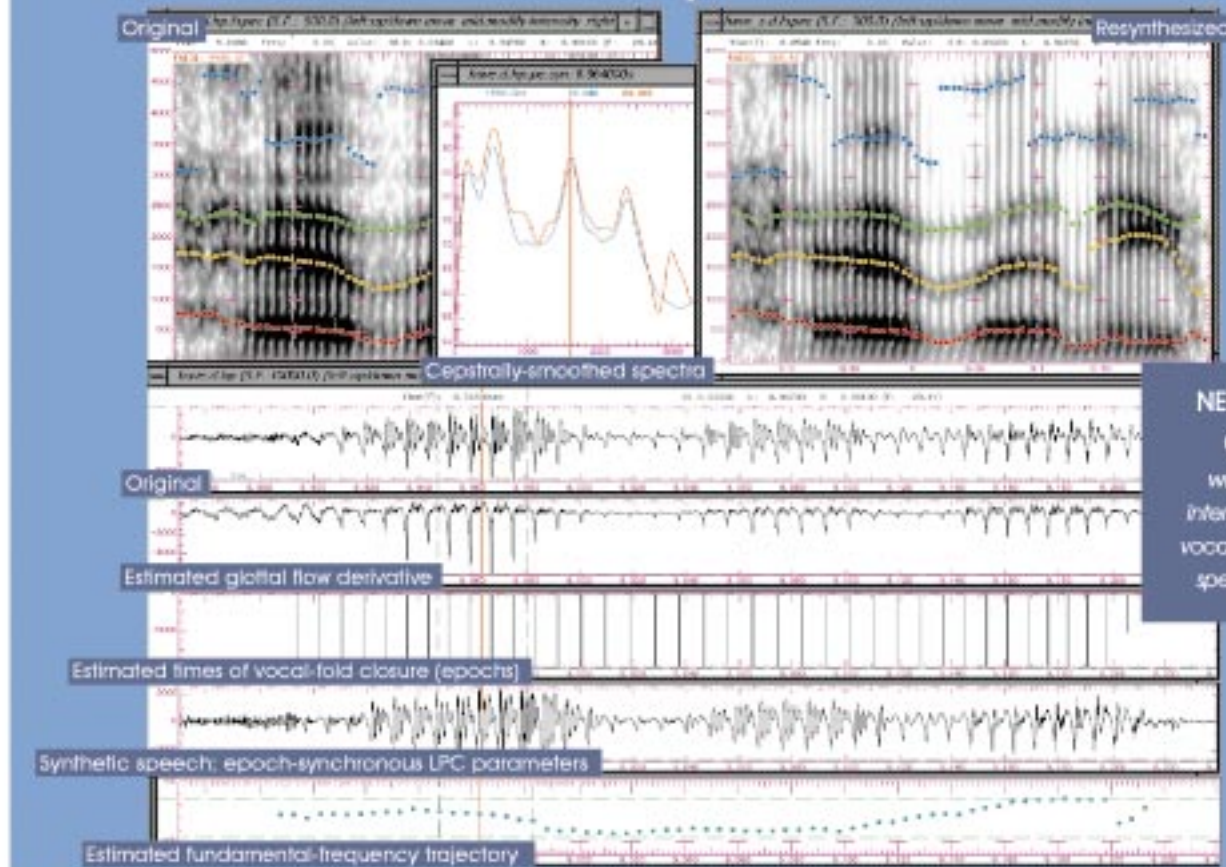


See, Hear, Recognize, and Process More Speech



NEW PRODUCT!
GRAPHVITE
with a graphical
interface for medium
vocabulary continuous
speech recognition

Pitch-synchronous analysis and resynthesis of the utterance fragment "have any"

Left and right spectrograms were computed from original and resynthesized speech, respectively. Estimated formant frequency trajectories for each signal are shown as overlays. Cepstrally-smoothed spectra of top center compare original and resynthesized signals during a 34ms segment of the /ae/ in "have."

Entropic tools include:

- ❑ **ESPS/waves+ with EnSig:** Entropic's signal processing system (ESPS) with an interactive display (waves+) and an easy to use graphical interface (EnSig).
- ❑ **Aligner & ETSM:** These add-ons to ESPS/waves+ with EnSig let you align text to a speech signal (Aligner) and change the playback rate of audio data without changing the pitch (ETSM).
- ❑ **HTK:** The Hidden Markov Model toolkit for developing speaker independent Automatic Speech Recognition (ASR) systems for continuous speech.
- ❑ **graphVite:** A recognition prototyping system for easily adding speaker independent continuous speech recognition to applications.
- ❑ **TrueTalk™:** Entropic's Text-to-Speech technology that lets you voice-enable your applications and products.



Serving the speech community since 1986

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