

Title (en)

Automatic segmentation in speech synthesis

Title (de)

Automatische Segmentierung bei der Sprachsynthese

Title (fr)

Segmentation automatique dans la synthèse vocale

Publication

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Application

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Abstract (en)

In a system having a speech inventory that includes phone labels that are concatenated to form synthetic speech, a method for segmenting the phone labels comprises: performing an alignment on a trained set of HMMs to produce phone labels that are segmented, wherein each phone label has a spectral boundary; and performing spectral boundary correction on the phone labels, wherein spectral boundary correction re-aligns each spectral boundary using bending points of spectral transitions, wherein the phone labels having spectral boundary correction are used for speech synthesis.

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