

Title (en)
Speech signal coding.

Title (de)
Kodierung von Sprachsignalen.

Title (fr)
Codage des signaux de parole.

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Application
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Abstract (en)
In a speech signal coding system, the speech signal is divided into a plurality of frames and each frame is divided into a plurality of subframes. The speech signal is represented by data including a code of a long term prediction parameter of the speech signal, a code of a short term prediction parameter thereof, and a quantized code indicative of a difference signal between a signal for short term prediction and a signal for long term prediction. The speech signal coding system includes a sound source code book (270; 300; 295, 310) for a plurality of sound source codes, a designating section (200, 290, 195) for designating a search region, a searching section (210, 340) for searching the designated search region of the sound source code book for an optimal sound source code for a current subframe. <IMAGE>

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