

# A Solution of High Frequency Reconstruction for Saving more Parameters and Improving Quality

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## ABSTRACT

The technique of high frequency reconstruction is to compress audio data without encoding high frequency but transform the high frequency data into few parameters, so that parameters are the most important information of the decoder. Our research is mainly based on Bark Band Spectrum Modeling. Then we will reduce its amount of parameters and find out the better match between the sub-band of high frequency and low frequency to improve the quality of audio.

Keywords : High Frequency Reconstruction ; Bark Band Spectrum Modeling ; Spectral Band Replication

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