

ABSTRACT

Embodiments of the present application disclose a noise signal determining method and apparatus and a voice denoising method and apparatus. The noise signal determining method comprises: performing Fourier transform on each frame signal in a to-be-analyzed voice signal segment to acquire a power spectrum of each frame signal in the voice signal segment;
5 determining a variance of power values of each frame signal in the voice signal segment at various frequencies based on the power spectrum of the frame signal; and determining whether each frame signal in the voice signal segment is a noise signal based on the variance. The embodiments of the present application can accurately obtain several noise frames comprised in
10 the to-be-analyzed voice signal segment, thus improving the voice denoising effect.