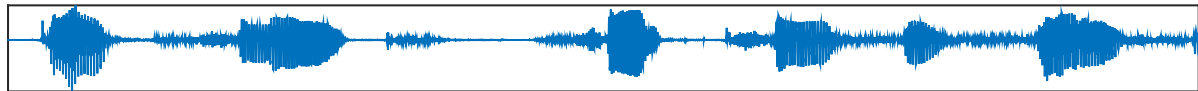


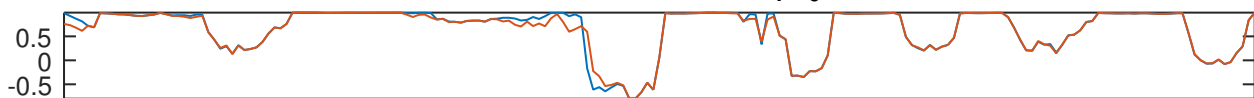
**Speech signal**



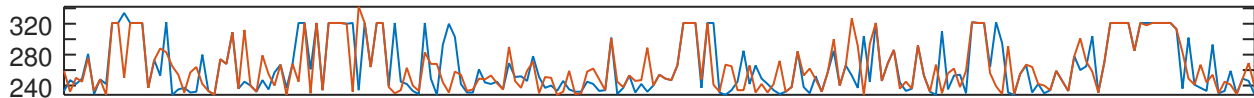
**Signal energy**



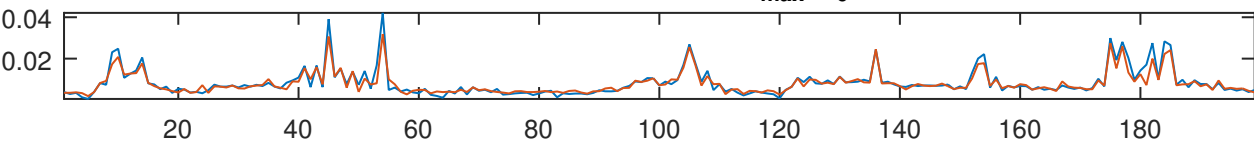
**Signal correlation  $r_1/r_0$**



**Fundamental frequency  $F_0$**



**Cepstral peak size  $C_{\max}/C_0$**



Time (frame)