

Affects Upon Urdu And Sindhi Language Perceptions Using Codebook Based Digital Speech Compression

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In the field of compression techniques in multimedia, speech coding and compression schemes are major field of interest for many researchers. Since many years speech compression schemes are improved to reduce bit rates and achieve better speech quality. The study has been carried out to observe the affects of Codebook based speech compression upon sindhi and urdu languages. It has been observed that the results indicate that using codebook based compression of various bit levels do affect on the perception. However there is a low deterioration of the quality, due to mismatch of original samples with substituted samples in two languages does not give a significant difference between both languages. In this approach compression around 40% to 50% will be achieved.

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