A CODEBOOK FOR SOME ARABIC SOUNDS

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ABSTRACT

Based on the LPC analysis of eight arabic emphatic sounds a codebook is prepared. These arabic sounds are not found in the English language. The coefficients and the parameters of the analysis are obtained for these sounds as well as for the three main vowels /i/, /a/, /u/ which were located pre-or post these emphatic sounds. The parameters for the transition intervals are also calculated. These transitions are important for the synthetic arabic speech as well as in the area of the digital transmission of speech.

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