Fine Frequency Offset based Section Synchronization in Cognitive Radio Systems

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Abstract

In case of low signal to noise ratio scenario is distracted or not uniform in orthogonal frequency division multiplexing (OFDM) system. So synchronization aspect in Cognitive Radio Systems (CRS) may change the distraction. If Iterative process is used in synchronization then it will be better for some time span but in the long interval it may affect badly. So a fine frequency offset based synchronization is used to allow the infirmity and minimizes the signal to noise ratio (SNR) level. In this paper we have presented a continuous equalization based on Fine Frequency Offset (FFO). The results show the betterment in comparison to the previous methodology.

References


**Index Terms**

Computer Science  
Communications
Keywords
OFDM  Cognitive Radio Systems  Synchronization  SNR  FFO.