

A Concatenated Companding and SLM Technique for PAPR Reduction

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Abstract – This paper presents a novel method for reducing PAPR (peak to average power ratio) in OFDM. Although there are several methods for PAPR reduction, but they are effective only for certain conditions. In proposed algorithm we elucidate the concatenation of SLM (Selective Mapping) and companding techniques.

Keywords – PAPR, OFDM, SLM, Companding.

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