

Performance Analysis of RAKE Receiver for Ultra Wide-Band Bandwidth

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Abstract —A comparative study of different forms of RAKE receivers (namely; P-RAKE, S-RAKE, A-RAKE) in terms of bit-error-rate (BER) for Ultra Wide-Band (UWB) system is proposed in this paper. The simulation has been performed in MATLAB.

Keywords — RAKE receivers, P-RAKE, S-RAKE, A-RAKE, UWB, MATLAB.

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