

Study of Higher Order Statistics in Rayleigh Fading Channel

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Abstract —Presented paper is the simulation and analysis of the statistical performances of the Rayleigh fading channel in wireless communication with MATLAB, including the higher order statics of complex envelop of received signal as the Level Crossing Rates and Average Fade Durations.

Keywords — Rayleigh Channel, Fading, random process, Level Crossing rate, Average Fade duration.

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