

Simulation of transmission over radio channels in 4G-LTE networks

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Abstract: This topic focuses on simulating and analyzing the transmission process over radio channels for 4G-LTE network systems. The main objective is to evaluate the performance of transmission technologies under different conditions to provide useful information for the design of modern mobile systems. The research methodology includes both theoretical simulation and experimentation, helping to identify the strengths and limitations of each solution. The expected results will contribute to the understanding of radio transmission and support the development of future mobile technology.

Keywords: 4G-LTE, radio transmission, mobile network simulation