

Simulation and evaluation of step-based and distributed power control methods used in mobile communication systems.

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Abstract: This topic aims to analyze and evaluate the effectiveness of stepwise and distributed power control methods in mobile communication systems, a crucial area for energy optimization and service quality improvement. Through theoretical research combined with experimentation, the topic seeks to contribute new solutions for efficient and sustainable resource management. The expected results will help enhance understanding of power control strategies in mobile environments.

Keywords: power control, mobile communication system, method evaluation, distributed, energy optimization