

Optimizing the number of cells in a CDMA network

Nguyen Quoc Huy

Abstract: In the context of increasing mobile traffic, optimizing the number of cells is an urgent issue to improve the performance and scalability of CDMA network systems. This topic aims to research and develop an optimal solution for cell allocation to maximize economic benefits while ensuring quality of service. Through a combination of theoretical research and experimental implementation, the topic is expected to achieve significant contributions to this field. By applying optimization algorithms and data analysis, we hope to enhance the capacity of CDMA networks to meet the growing demand for mobile usage.

Keywords: Optimization, CDMA Network, Cell Allocation