

Research evaluating the quality of MIMO systems applied in wireless communications

Nguyen Thi Hien

Abstract: This topic aims to research and evaluate the quality of MIMO (Multiple-Input Multiple-Output) systems applied in the field of wireless information transmission. In the current context, with the rapid development of mobile technology and wireless internet, ensuring better transmission performance is an urgent requirement. The topic will approach this issue by combining theoretical and experimental methods to evaluate the operational efficiency of MIMO algorithms in multi-channel wireless environments. Through the process of analysis and application deployment, the project hopes to contribute to improving the quality of wireless information transmission services and provide development directions for future systems.

Keywords: MIMO, Radio, Quality assessment, Transmission algorithm, Mobile technology