

## **A Review on Channel Capacity Analysis in MIMO-OFDM System**

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*Abstract—* The growing demand on wireless communication services has created the necessity to support higher and higher data rate. Energy efficiency is an active research topics in the field of wireless communications. This paper presents an analytical literature survey related to the energy efficiency in the MIMO-OFDM system

*Keywords-* MIMO-OFDM, water filling.

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