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Subcarrier/Power allocation Scheme for OFDMA Networks

Load Adaptive, Decentralized and Time Efficient

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Subcarrier/Power allocation Scheme for OFDMA Networks: Load Adaptive, Decentralized and Time Efficient

The research work which is presented in this book includes initiating power, subcarrier allocation in a dynamic FFR based scheme created for multi-cell OFDMA networks also to enhance the throughput of all center users in bandwidth hungry borrower cells (overloaded cells) which was previously degraded by original FFR-3 scheme due to partitioning of system bandwidth into center and edge bands respectively. This reserve provide a literature study, advancement of the framework and the simulation scenarios, programming(Matlab), visualization, as well as performance evaluation and evaluation. The shown scheme will be helpful for researcher and college students in the next generation cellular networks style and modeling such as 3GPP LTE and WiMAX (IEEE 802. The scheme offered in this book is certainly load adaptive, decentralized and time efficient and can be activated on any base station relating to its load circumstances.16x).

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