Docket #: S02-085

Rate Allocation for CDMA/OFDM

Stanford researchers in John Cioffi's lab have developed a method and apparatus for controlling the data rate in the uplink of a Code Division Multiple Access (CDMA)/ Orthogonal Frequency Division Multiplexing (OFDM) system. This approach allows simultaneous data transmission for multiple users via shared frequency and spatial resources without affecting bandwidth.

Applications

- Data Communications
- CDMA/OFDM system

Advantages

- Optimal signal quality
- Highest data transmission rate
- Maximized system throughput

Patents

- Issued: 8,064,325 (USA)

Innovators

- John Cioffi
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