



## Spectral Efficiency

By Lambert M. Surhone

Betascript Publishers Dez 2009, 2009. Taschenbuch. Book Condition: Neu. 220x150x4 mm. Neuware - High Quality Content by WIKIPEDIA articles! Spectral efficiency, spectrum efficiency or bandwidth efficiency refers to the information rate that can be transmitted over a given bandwidth in a specific communication system. It is a measure of how efficiently a limited frequency spectrum is utilized by the physical layer protocol, and sometimes by the media access control (the channel access protocol). The link spectral efficiency of a digital communication system is measured in bit/s/Hz, or less frequently but unambiguously (bit/s)/Hz. It is the net bitrate (useful information rate excluding error-correcting codes) or maximum throughput divided by the bandwidth in hertz of a communication channel or a data link. The modulation efficiency is the gross bitrate (including error-correcting codes) divided by the bandwidth. 68 pp. Englisch.



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