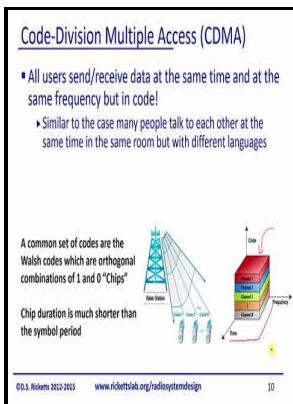


Code division multiple access communications

Kluwer Academic Publishers - Wireless Communication



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Code

The frequencies used in different cells must be planned carefully to ensure signals from different cells do not interfere with each other. The data signal is also binary and the time multiplication is achieved with a simple XOR function. To search the code sequences, the acquisition detection means searches the two channels, but begins the Q channel with an offset equal to one-half of the spreading code sequence length.

Orthogonal code division multiple access communication system having multicarrier modulation

Additionally by saying that each of the first noise coded signals e. Centroid Tracking Method The optimal spreading code tracking circuit of one embodiment of the present invention is called the squared weighted tracking or centroid circuit. The output signal of VGA1 is despread by the despread-demultiplexer demux 2912, which produces a despread user message signal MS and a forward APC bit.

Wireless Communication

In addition, each RCS 104, 105 and 110 can perform Maintenance Power Control MPC , in a manner similar to APC, to adjust the initial transmit power of each SU 111, 112, 115, 117 and 118.

Orthogonal code division multiple access communication system having multicarrier modulation

In other words, asynchronous CDMA is ideally suited to a mobile network where large numbers of transmitters each generate a relatively small amount of traffic at irregular intervals.

What is Code

The best signal quality is selected until the hand-off is complete.

[PDF]

The line interface 1011 uses internal phase-locked-loops not shown to produce E1-derived 2.

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