

عنوان مقاله:

Reducing the Limitation on Application of Synchronous Decorrelating Detector Cdma Systems

محل انتشار:

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خلاصه مقاله:

In CDMA (Code - Division Multiple - Access) systems multi - user accessing of a channel is possible. Under the assumptions of Optimum multi - user and decorrelating detector in CDMA systems. By using signals with zero and / or identical cross correlations, a simple and expandable decorrelating detector with optimum efficiency which can be easily implemented are proposed. Constructing these signals is accomplished by encoding of the data stream by a member of orthogonal code which is then multiplied by a special signature sequences

کلمات کلیدی:

Decorrelating Detector, Conventional Detector, Signature Sequence, Orthogonal Signals

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