

Title (en)

ESTIMATION OF TRANSMISSION CHANNELS IN COMMUNICATION SYSTEMS FOR WIRELESS TELECOMMUNICATION

Title (de)

ÜBERTRAGUNGSKANALSCHÄTZUNG IN TELEKOMMUNIKATIONSSYSTEMEN MIT DRAHTLOSER TELEKOMMUNIKATION

Title (fr)

EVALUATION DE CANAUX DE TRANSMISSION DANS DES SYSTEMES DE COMMUNICATION POUR LA TELECOMMUNICATION SANS FIL

Publication

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Application

EP 98955359 A 19980930

Priority

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Abstract (en)

[origin: DE19747369A1] Various channel pulse response correlations are used in a variety of ways to improve and simplify estimation of wireless transmission channels in telecommunication systems e.g. one of two messages which are intended for another sender/receiver are used for channel estimation. In addition or alternately, the difference between two channel pulse responses is determined. If this difference falls below a given limit an average channel pulse response is formed and /or sequences of training information or test signals are not transmitted in alternate bursts. In addition or alternately, the correlation of two channel pulse responses by means of look up tables can be used to estimate subscriber speed.

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H04B 1/00

IPC 8 full level

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