Title (en)
METHOD AND APPARATUS FOR ADAPTIVELY SELECTING A SOFT SYMBOL

Title (de)
VERFAHREN UND VORRICHTUNG ZUM ADAPTIVEN AUSWÄHLEN EINES ANALOGWERTSYMBOLS

Title (fr)
PROCEDE ET APPAREIL PERMETTANT DE SELECTIONNER UN SYMBOLE VARIABLE DE MANIERE ADAPTATIVE

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Application
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Abstract (en)
[origin: WO0147137A1] A method of selecting a soft symbol for a subsequent operation in a communication device is disclosed. In one embodiment, a signal is received at the communication device. Next, the signal is demodulated. Then, a strength level such as a signal to noise ratio Eb/Nt is determined. Based upon the strength level determined for the signal stored in a register, a location of bits around the average amplitude (451, 452) of the signal is determined for representing the soft symbol in a subsequent operation. The strength level and the location of bits is adaptively updated for the signal over time.

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