

ABSTRACT OF THE DISCLOSURE

A ghost cancelling system includes a ghost cancelling IIR filter (12-16) and channel modelling circuitry (18) for generating tap weighting coefficients for programming the ghost cancelling IIR filter. The channel modelling circuitry includes means for calculating the sum of all of the generated weighting coefficient values. If the sum exceeds a predetermined value indicative of the IIR filter becoming unstable, the weighting coefficients are conditionally scaled in a manner to reduce the sum, thus tending to reduce the possibility of filter instability.

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This Sheet Has Been Replaced

