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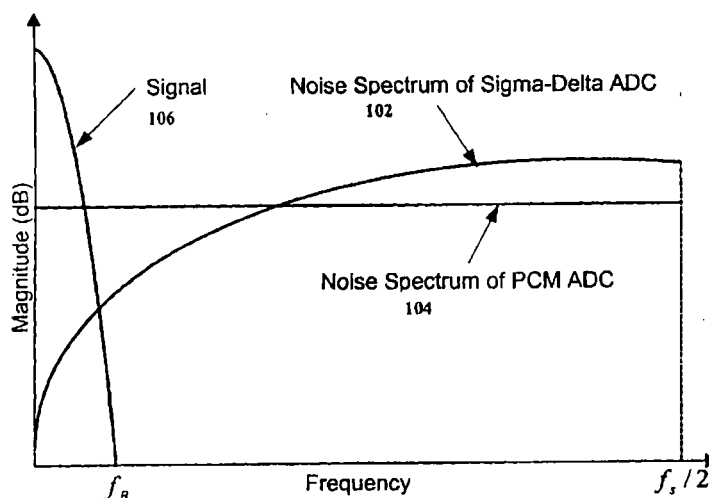
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(54) Title: SIGMA-DELTA MODULATION CODE DIVISION MULTIPLE-ACCESS RECEIVER



ACTION

(57) Abstract: A code division multiple-access receiver comprises an analog-to-digital converter for digitising a demodulated spread signal. The analog-to-digital converter is a Sigma-Delta modulator. The receiver also comprises a despreader comprising simple logic gates and an integrator, performing the function of despreading the digitised demodulated spread signal into a digitised baseband signal. The despreader doubles as a Sigma-Delta demodulator and hence eliminates a separate stage of Sigma-Delta demodulation.

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