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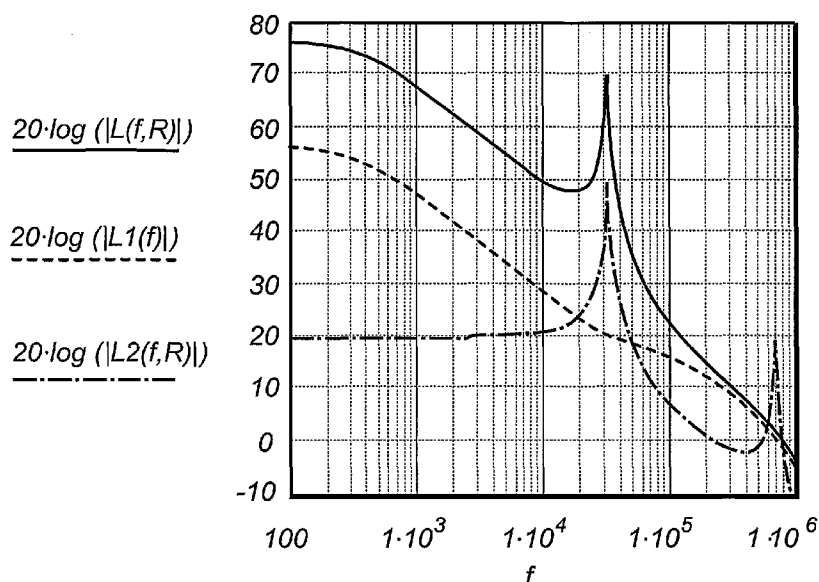
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(54) Title: SECURE DECRYPTION METHOD



(57) Abstract: A Hybrid feedback Controlled Oscillation Modulator (HCOM) has a 1st feedback path from the output voltage of the switching stage V_p and a second feedback path from the filter output V_o , the two feedback paths superposed to provide a weighted state feedback signal V_f . Said state feedback path signal is subtracted from the input signal to form an error signal, said error signal filtered by a forward path compensation block $B(s)$, closing the loop by feeding said pulse modulator, said loop having a transfer function such that self-oscillation can be established in the closed loop system. In a preferred embodiment, the first feedback path has a low pass characteristic and the second feedback path lead characteristic, the first feedback path being weighted by a weighting factor β . Further embodiments include a pure passive realization without forward path means $B(s)$ and the application of 3rd feedback loops to enhance global amplifier performance.

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