

digital PCM/FM telemetry system with L/D. The simulation results show that a coding gain of about 0.8dB at 10⁻⁴ BER level has been achieved when the employed FEC code is TPC. The proposed approach can easily be applied to a digital PCM/FM telemetry system with other kinds of FEC codes that employ SISO decoding algorithms, such as convolution codes and Turbo codes, which is the subject of future study.

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