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ANÁLISIS Y ESTUDIO DEL DESEMPEÑO DEL CÓDIGO CHEQUEO DE PARIDAD DE
BAJA DENSIDAD IRREGULAR EN UN CANAL DE LÍNEA ELÉCTRICA DE BAJA TENSIÓN
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Abstract

In this work the irregular Low Density Parity Check code (LDPC) is analyzed and studied, is used in a low voltage powerline. Noise models are analyzed for these low voltage lines. The performance of the LDPC code is evaluated in a low voltage line channel for rates of 3, 5, 15 and 30 Mbps, considering of BER vs SNR a parameter.

Keywords

Irregular low density parity check code, noise in low voltage powerline.

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