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**Communication systems simulator with error correcting codes using MATLAB.**

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In this work, the characteristics of a simulator for channel coding techniques used in communication systems, are described. This software has been designed for engineering students in order to facilitate the understanding of how the error correcting codes work. To help students understand easily the concepts related to these kinds of codes, a user-friendly interface has been developed using the MATLAB environment, since it provides many toolboxes related to communication systems.

*Classification:* P25 M55

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