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Design and Implementation of CDMA Receiver to Add and Remove Features of the Receiver for Controlling Purpose

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This paper describes the implementation of CDMA Receiver based on IS-95 standard for detecting an encoded voice signal as well as using it for the controlling purposes, which require high bandwidth and data rates. The main goal is to design IS-95 standard CDMA receiver to detect a CDMA signal and analyze the signal to be used for controlling purposes. Thus, the technical aspects, simulations, design and implementation of the CDMA receiver are discussed. As an output, remotely controlled robot capable of processing and implementing voice commands via designed CDMA signal receiver are discussed.