

ANGKLUNG ROBOTIC ARDUINO MICROCONTROLLER WITH ELECTRIC MOTOR

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ABSTRACT

Abstract

This research produces a set of angklung musical instruments that can be played using robotic techniques. The intelligent artificial instruction system uses an Arduino microcontroller, while the wobble drive uses an electric motor. The method used in this study uses the Research and Development method with a process that is adapted to musical works in the following order: data collection, product design, design validation, design revision, process of making artwork, revision of making artwork, trial use, staging Arduino artificial intelligent robotic angklung and electric motor angklung drive

Kata Kunci: Angklung Robotic, Arduino, Motor Electric