# Rancang bangun modul praktikum sistem kendali = Design of control system practice module

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Abstrak

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Telah berhasil dibuat rancang bangun modul praktikum sistem kendali yang dapat digunakan pada sistem Multiple-input-multiple-output. Pada rancang bangun digunakan mikrokontroller ATmega8 yang dikomunikasikan dengan komputer menggunakan perangkat lunak berbasis LabVIEW. Rancang bangun ini dapat digunakan untuk melakukan identifikasi proses dari suatu sistem tertentu. Sistem yang digunakan pada modul ini berupa sistem pengisian kapasitor, motor DC, dan temperatur. Sistem Multiple-input-multiple-output pada modul ini dirancang agar memiliki dua proses yang dapat saling berhubungan.
ABSTRACT<br>
This research has been carried out the design and manufacture of control system practice module. Design of control system practice module can be used on systems Multiple-input-multiple-output. The design used ATmega8  microcontroller to communicated with a computer using software based on LabVIEW. This design can be used to identify the process of a particular system. The system in this module are used the capacitor charging system, the DC motor, and temperature. System Multiple-input-multiple-output in this module was designed to have two processes that can be interconnected.
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