

Bicycle wheel truing system

Deskripsi Lengkap: <https://lib.ui.ac.id/detail?id=20244383&lokasi=lokal>

Abstrak

The primary aim of this project was to design a device that can be used as a bicycle wheel truer. The project system will allow a wheel's current state to be measured and analysed using strain gauges to detect the degree of wobble and eccentricity. The strain gauges will produce a small voltage as its means of detection, so an amplifier needs to be designed to boost the signal level for increased measurement resolution. The system also requires some means of holding the bicycle wheel securely while it is being tested. The test results from the system will provide information about the extent of the wobble and eccentricity that occur in the wheel.