Controlling and Monitoring Air Speed in a Wind Tunnel

By Manuela Gomes

GRIN Verlag Gmbh Jun 2015, 2015. Taschenbuch. Book Condition: Neu. 213x152x7 mm. Neuware - Bachelor Thesis from the year 2015 in the subject Engineering - Computer Engineering, , course: Bachelor of Engineering (Honours) in Mechatronics, language: English, abstract: The project proposes a construction of a wind tunnel controlled and monitored by a system containing a Web Based monitoring interfaced to a Programmable Logic Control network that carries out an application program which receives inputs from an anemometer sensor for measuring the airspeed performed by the fan and from a User Computer, which chooses airspeed values to be implemented by the Brushless fan. Both inputs are compared by the PID controller, control mode used by the PLC system, and the output is generated with base on the inputs received by the PID controller. This system after set properly, is able to measure airspeed value provided by the Brushless fan in real time, transferring it to the PLC via internet where it is displayed in a Web page developed for this system. 52 pp. Englisch.

Reviews

This pdf is definitely not easy to get started on studying but quite entertaining to read through. I am quite late in start reading this one, but better then never. Once you begin to read the book, it is extremely difficult to leave it before concluding.

-- ***Ms. Fatima Erdman***

It is really an remarkable book i have at any time study. It is rally intriguing throgh reading through time. Your life period will likely be change when you complete looking at this pdf.

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