REMOTE VIRTUAL LAB – A CONTROL SYSTEMS APPROACH

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In this paper is proposed an architecture to develop virtual control systems laboratories and put them available through the Internet. Such a virtual lab has been coupled with a remote real lab already reported. The remote accessed computational platform developed has been used by students of a control systems course lectured at the Mechanical Engineering Department of ISEL. Students' opinions on using that computational system are also presented in the current paper. Furthermore, the system has been design and implemented not only with teaching purposes but also aiming to achieve a framework that could help control systems engineers on their professional activities.

Keywords: Network; Education; Laboratory; Virtual Reality; Computer Software; Computer Applications.