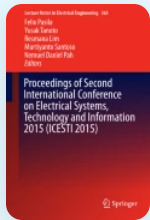


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# Development of the Remote Instrumentation Systems Based on Embedded Web to Support Remote Laboratory

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## Abstract

Web-based remote instrumentation is a new innovation in the development of instrumentation equipment that can be accessed remotely over the Internet. The

development of remote instrumentation has been started since the invention of internet technology and the development of the remote lab system. Most remote laboratory system architectures that have been published are computer based and usually using LabView application. Computer-based remote instrumentation system has the disadvantages that the investment costs are expensive and it requires large electrical power. In addition, there are several issues related to green computing that demands increased efficiency. To address some of these issues, this research study has developed an embedded web-based remote instrumentation to support remote laboratory system. Implementation of the embedded web-based remote instrumentation system is expected to contribute to improving efficiency and lowering the system's costs.

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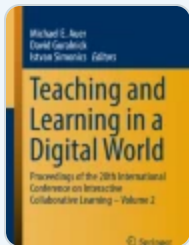
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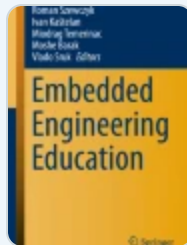
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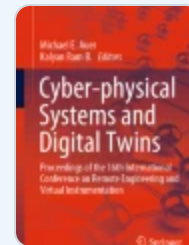
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