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Digitizing Engineering Senior Design Project Reports

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Digitizing Engineering Senior Design Projects Reports

Florence Mugambi, MLIS

2014 ASEE/ELD Annual Conference Program
Indianapolis, Indiana – June 16

Process

- Scanning - Title Page, Abstract, Table of Contents and List of Illustrations if available.
- Upload into IPFW institutional Repository
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Page Hits

- Downloads and Metadata Page Hits for 2010 -Oct through present for 841 Computer and Electrical Engineering Technology & Information Systems and Technology Senior Design Projects – 38,910

Top hits

- Autonomous Firefighting Robot Project: A Design and Analysis Report -- 1,191
- Construction of a Digital Multimeter – 1,046

Page Hits

- Downloads and Metadata Page Hits for 2011-March through present for 269 Manufacturing & Construction Engineering Technology and Interior Design Senior Design Projects – 20,098

Top hits

- Honey House Layout -- 759
- Pick and Place Robot -- 669

Page Hits

- Downloads and Metadata Page Hits for 2013-Oct through present for 58 Engineering Senior Design Projects – 2,059

Top hits

- Field Data Acquisition Unit – 214
- Implementation of a Real-Time Spectrum Analyzer – 112

Comparison – Faculty Publications

- Downloads and Metadata Page Hits for 2010-March through present for 205 Engineering Faculty Publications – 4,847

Top hits

- UWB-FSK: Performance Tradeoffs for High-complexity Receivers – 289
- Inorganic Fouling of Pressure-Driven Membrane Processes - A Critical Review – 248

Page hits – meaningful metric?

- Hits analytics

