

2012

IR workflow management system using Web of Science and Ref Works

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Recommended Citation

Oleen, Jenny K., "IR workflow management system using Web of Science and Ref Works" (2012). *Western Libraries Faculty & Staff Publications*. 4.

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IR Workflow Management System

Using Web of Science and RefWorks

Jenny Oleen

KANSAS STATE UNIVERSITY | Libraries

A major component of OA outreach at K-State Libraries is using weekly search alerts to identify recent articles authored by KSU faculty. We then export the results into citation management software.

Web of ScienceSM

Advanced Search

Use 2-character tags, Boolean operators, parentheses, and set references to create your query. Results appear in the Search History at the bottom of the page.

Example: TS=(nanotub* SAME carbon) NOT AU=Smalley RE #1 NOT #2 [more examples](#) | [view the tutorial](#)

OG=(kansas SAME state)

Search Searches must be in English

Restrict results by any or all of the options below:

All languages	All document types
English	Article
Afrikaans	Abstract of Published Item
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Current Limits: [Save As My Defaults](#)

Timespan

Latest (current) week (updated 2012-03-02)

From 1945 to 2011 (default is all years)

Exporting into citation management software allows us to:

- Maintain bibliographic data for the articles
- Use user defined fields for additional notes, such as eID of the authors
- Group articles in folders according to their progress in the workflow
- Attach manuscripts to the citation record as they are sent in by authors
- Generate a pre-formatted citation list for the promotional emails.

Using this software gives the flexibility of having multiple people on the project, while always knowing where an article is in the workflow.

Ref ID 775 Journal Article Reference 5 of 34

Ref Type Journal Article
Source Type Print(0)
Output Language Unknown(0)
Authors [Bose,Sayak](#); [Pal,Siddharth](#); [Natarajan,Balasubramaniam](#); [Scoglio,Caterina M.](#); [Das,Sanjoy](#); [Schulz,Noel N.](#)
Folders [Feb 29 2012](#)
Title Analysis of Optimal Reconfiguration of Shipboard Power Systems
Periodical, Full [IEEE Transactions on Power Systems](#)
Periodical, Abbrev [IEEE Trans.Power Syst.](#)
Pub Year 2012
Pub Date Free Form FEB
Volume 27
Issue 1
Start Page 189
Other Pages 197
Descriptors [Optimization](#); [reconfiguration](#); [shipboard power systems](#); [RESTORATION](#); [SERVICE](#); [Engineering](#)
Abstract In power system reconfiguration, the status (ON/OFF) of switches are optimized such that maximum power is delivered to loads after the occurrence of a fault. The optimized reconfiguration is achieved by prioritizing power delivered to vital loads over semi-vital and nonvital loads. The formulation presented in this paper considers a new balanced hybrid (AC and DC) shipboard power system (SPS). Analysis of the nonconvex reconfiguration formulation is done by an appropriate nonconvex solver and by convex approximation. Unlike the nonconvex solution that is based on branch-and-bound methods, convex approximation significantly reduces complexity. It is shown that for the hybrid SPS reconfiguration problem, low complexity convex approximations are effective in finding optimal solutions. Cumulative distribution function (CDF) of the power delivered to loads is presented to showcase the system robustness against random fault scenarios. A combined objective of maximizing power delivery and minimizing the number of switching actions is included in the analysis. Tradeoff between power delivered and number of switching operations after reconfiguration has been discussed at steady state. A separate analysis is also included to observe the intermediate dynamic switch states while the reconfiguration is in progress to capture the trade-off more prominently.
Notes PT: J; NR: 22; TC: 0; J9: IEEE T POWER SYST; PG: 9; GA: 881RV; UT: WOS:000299506300020
Publisher IEEE-INST ELECTRICAL ELECTRONICS ENGINEERS INC
Place of Publication PISCATAWAY; 445 HOES LANE, PISCATAWAY, NJ 08855-4141 USA
ISSN/ISBN 0885-8950
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DOI 10.1109/TPWRS.2011.2163948
Language English
SubFile DT: Article
KSU Authors and eIDs [Natarajan,Balasubramaniam](#) | [bala](#); [Scoglio,Caterina M](#) | [caterina](#); [Das,Sanjoy](#); [sdas](#); [Schulz,Noel](#) | [noels](#)
Created 2/29/2012 09:10:30 Local Timezone (GMT -6hr)
Last Modified 2/29/2012 10:30:33 Local Timezone (GMT -6hr)

This approach has enabled us to increase the number of items deposited, cut down on processing time, and interest a greater number of faculty in depositing their work.

Although we have used Web of Science and RefWorks, most institutions have access to other interdisciplinary databases and citation managers that can serve this purpose.