

“I, Librarian”

Shared Reference Manager/Repository



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Department of Nuclear Engineering
Neutronics Research Group



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What/where is it?

“I, Librarian” is the group’s shared reference manager/repository. It’s installed in the group’s server “Abacus”:

- Go to <http://abacus.berkeley.edu/librarian>
- Login with your user account
 - If you do not have an user account you can still login as a guest with “read-only” permission
- You’re all set!

Let’s try it!

What's the purpose?

The purpose of this tool is *not* to substitute your favorite, personal reference manager (Mendeley, Endnote, etc.). Instead, it provides a *shared* alternative and, more importantly, a **repository** for all of the group's references:

- Group's papers and projects
- Relevant references used in group's research
- Easy access to conference proceedings

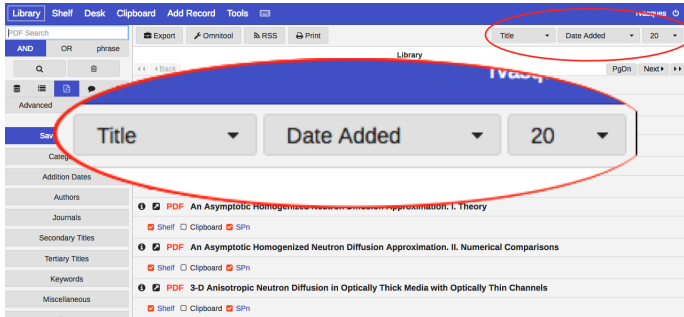
First Screen

The screenshot displays the 'Library' tab of a software interface. The top navigation bar includes 'Library', 'Shelf', 'Desk', 'Clipboard', 'Add Record', 'Tools', and a user profile 'rvasques'. Below the navigation bar is a search area with a 'PDF Search' input field and buttons for 'AND', 'OR', and 'phrase'. To the right of the search area are buttons for 'Export', 'OmniTool', 'RSS', and 'Print'. The main content area shows a list of items under the heading 'Library' and 'Items 1-20 of 1412'. The list contains six entries, each with a PDF icon, a title, and a row of checkboxes for 'Shelf', 'Clipboard', and 'SPn'. The entries are:

- 1 PDF Efficient Solution SPn
- 2 PDF Nonclassical SP_N V_1
- 3 PDF Time-dependent simplified PN approximation to the equations of radiative transfer
- 4 PDF An Asymptotic Homogenized Neutron Diffusion Approximation. I. Theory
- 5 PDF An Asymptotic Homogenized Neutron Diffusion Approximation. II. Numerical Comparisons
- 6 PDF 3-D Anisotropic Neutron Diffusion in Optically Thick Media with Optically Thin Channels

On the left side of the interface, there is a sidebar with 'Saved searches' and a list of categories: 'Categories', 'Addition Dates', 'Authors', 'Journals', 'Secondary Titles', 'Tertiary Titles', 'Keywords', and 'Miscellaneous'.

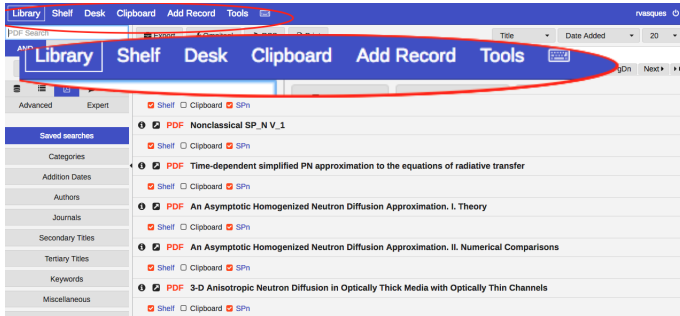
Layout



- 1st box: Display options
- 2nd box: “Order by”
- 3rd box: Number of entries shown

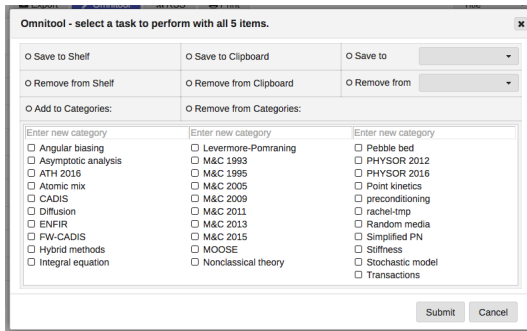
Let's try it!

Top Toolbar



- Library: Full repository of documents
- Shelf: Documents in your own “shelf”
- Desk: Create projects in your desk
- Clipboard: Temporary place to work with documents
- Add Record: Tool to add records ☺
- Tools: Change password, settings...
- Keyboard icon: Extended keyboard

Omnitool



This is a tool to perform actions to a batch of entries. It's better used with the Search tool or in the Clipboard, although it can be used anywhere.

- Save/remove from Shelf
- Save/remove from Clipboard
- Save/remove from Project
- Add/Remove categories

Let's try it!

Add Record - Single Item

Add Single Item

Add Multiple Items

Add Multiple PDFs

from localhost
from any computer

PubMed

Flagged Items 0/100

PubMed Central

Flagged Items 0/100

NASA ADS

Flagged Items 0/100

arXiv

Flagged Items 0/100

IEEE Xplore

Add single items using:

Local PDF file
Choose File No file chosen

PDF from the Web

Database number
Database

DOI number

Fetch DOI data from
☒ PubMed ☒ NASA ☒ IEEE ☒ CrossRef

Proceed

Unpublished PDFs, office documents
Manual Upload

- PDF file from your computer (may or may not recognize metadata)
- PDF from the Web (may or may not recognize metadata)
- Database number (e.g., ArXiv)
- DOI number (may or may not pull associated PDF from databases)
- Manual upload: choose file from computer, enter metadata manually

Add Record - Single Item (next screen)

Add New Item		Metadata		Categories	Supplements
Save	<input checked="" type="checkbox"/> Add to Shelf	<input type="checkbox"/> Add to Clipboard	<input type="checkbox"/> Add to Project <input type="text"/>		
Paper rating:	<input type="radio"/> Low	<input checked="" type="radio"/> Medium	<input type="radio"/> High		

- If no PDF file was provided/recovered, you may add it
- You may add the entry to your shelf, clipboard, and/or project
- You may update/change any metadata field
- You may add it to categories (otherwise it will go into “unassigned”)
 - As a good practice, you **SHOULD** add it to relevant categories, specially if it is part of conference proceedings (more details will follow)
- You may add supplementary files
- You **MUST** save, otherwise the entry is not recorded

Let's try it!

Add Record - Multiple Items

Import one or multiple items from a metadata file

☒ Add to Shelf ☐ Add to Clipboard ☐ Add to Project

Metadata format: ☒ RIS* (+PDFs**) ☐ Endnote XML (+PDFs**) ☐ ISI Export Format ☐ BibTex (+PDFs**)

Import from file:

Paste metadata:

Choose category:

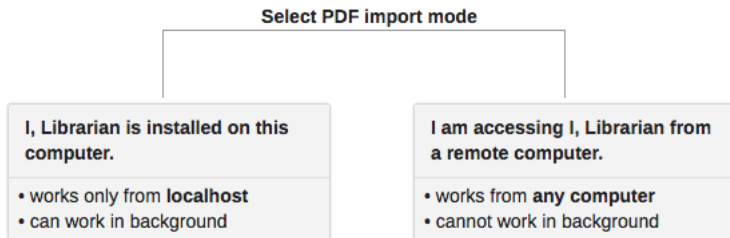
Filter categories

- ☐ Angular biasing
- ☐ Asymptotic analysis
- ☐ ATH 2016
- ☐ Atomic mix
- ☐ CADIS
- ☐ Diffusion
- ☐ ENFIR
- ☐ FW-CADIS
- ☐ Hybrid methods
- ☐ Integral equation
- ☐ M&C 2013
- ☐ M&C 2015
- ☐ MOOSE
- ☐ Nonclassical theory
- ☐ Pebble bed
- ☐ PHYSOR 2012
- ☐ PHYSOR 2016
- ☐ Point kinetics
- ☐ preconditioning
- ☐ rachel-trmp

Imports Metadata records. You likely won't be able to import the PDFs this way, since it only works if they are on the same computer where Apache and PHP is installed.

- Formats available: RIS, Endnote, ISI, and BibTex
- You may import a file or copy-paste the metadata
- PDFs will have to be manually associated

Add Record - Multiple PDFs



Choose the “Remote Computer” option

Add Record - Multiple PDFs (next screen)

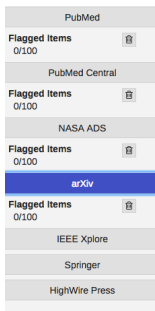
Select Files	You selected 0 files. (Note that PDFs must contain a DOI in order to track the corresponding metadata.)																															
Import	<input checked="" type="checkbox"/> Add to Shelf	<input type="checkbox"/> Add to Project: <input type="text"/>																														
Select database:	<input type="checkbox"/> PubMed (biomedicine) <input type="checkbox"/> NASA ADS (physics, astronomy) <input type="checkbox"/> CrossRef (other sciences)																															
If metadata not found:	<input type="checkbox"/> Import the PDF into the category !unknown. All PDF files will be recorded and indexed!																															
Choose category:	<div>Filter categories</div> <table><tbody><tr><td><input type="checkbox"/> Angular biasing</td><td><input type="checkbox"/> M&C 2013</td></tr><tr><td><input type="checkbox"/> Asymptotic analysis</td><td><input type="checkbox"/> M&C 2015</td></tr><tr><td><input type="checkbox"/> ATH 2016</td><td><input type="checkbox"/> MOOSE</td></tr><tr><td><input type="checkbox"/> Atomic mix</td><td><input type="checkbox"/> Nonclassical theory</td></tr><tr><td><input type="checkbox"/> CADIS</td><td><input type="checkbox"/> Pebble bed</td></tr><tr><td><input type="checkbox"/> Diffusion</td><td><input type="checkbox"/> PHYSOR 2012</td></tr><tr><td><input type="checkbox"/> ENFIR</td><td><input type="checkbox"/> PHYSOR 2016</td></tr><tr><td><input type="checkbox"/> FW-CADIS</td><td><input type="checkbox"/> Point kinetics</td></tr><tr><td><input type="checkbox"/> Hybrid methods</td><td><input type="checkbox"/> preconditioning</td></tr><tr><td><input type="checkbox"/> Integral equation</td><td><input type="checkbox"/> rachel-trip</td></tr><tr><td><input type="checkbox"/> Levermore-Pomraning</td><td><input type="checkbox"/> Random media</td></tr><tr><td><input type="checkbox"/> M&C 1993</td><td><input type="checkbox"/> Simplified PN</td></tr><tr><td><input type="checkbox"/> M&C 1996</td><td><input type="checkbox"/> Stiffness</td></tr><tr><td><input type="checkbox"/> M&C 2005</td><td><input type="checkbox"/> Stochastic model</td></tr><tr><td><input type="checkbox"/> M&C 2009</td><td><input type="checkbox"/> Transactions</td></tr></tbody></table>		<input type="checkbox"/> Angular biasing	<input type="checkbox"/> M&C 2013	<input type="checkbox"/> Asymptotic analysis	<input type="checkbox"/> M&C 2015	<input type="checkbox"/> ATH 2016	<input type="checkbox"/> MOOSE	<input type="checkbox"/> Atomic mix	<input type="checkbox"/> Nonclassical theory	<input type="checkbox"/> CADIS	<input type="checkbox"/> Pebble bed	<input type="checkbox"/> Diffusion	<input type="checkbox"/> PHYSOR 2012	<input type="checkbox"/> ENFIR	<input type="checkbox"/> PHYSOR 2016	<input type="checkbox"/> FW-CADIS	<input type="checkbox"/> Point kinetics	<input type="checkbox"/> Hybrid methods	<input type="checkbox"/> preconditioning	<input type="checkbox"/> Integral equation	<input type="checkbox"/> rachel-trip	<input type="checkbox"/> Levermore-Pomraning	<input type="checkbox"/> Random media	<input type="checkbox"/> M&C 1993	<input type="checkbox"/> Simplified PN	<input type="checkbox"/> M&C 1996	<input type="checkbox"/> Stiffness	<input type="checkbox"/> M&C 2005	<input type="checkbox"/> Stochastic model	<input type="checkbox"/> M&C 2009	<input type="checkbox"/> Transactions
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If the PDF does not contain a DOI, the metadata will have to be entered manually.

- Click on “Select Files” and select all the PDFs you wish to record
- You may select the databases
- **Always** select ☐ Import the PDF into the category !unknown. All PDF files will be recorded and indexed!
- **Important:** if you are batch recording conference proceedings, you **must** create the corresponding category

Let's try it!

Add Record - Other

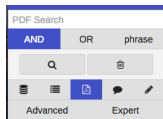


You can also directly search for and record entries from several databases:

- Pubmed
- Nasa
- ArXiV
- Springer
- Etc.

Let's try it!

Searching



You can perform several kinds of search:

- Global
- Metadata
- PDFs
- Notes
- Rich-text

This includes options for “advanced” and “expert” searches. For proceedings, you may search in the appropriate category.

Let's try it!

Corss-referencing and Hierarchy

Categories
Addition Dates
Authors
Journals
Secondary Titles
Tertiary Titles
Keywords
Miscellaneous
History

- “Categories” are cross-referenced
- “Journals” have the sublevel “Year”

Let's try it!

Important - Categories

- Associate all the relevant categories
- Create new categories as needed
- If the paper is in a conference proceeding:
 - **Always** associate the conference category, if possible with year (e.g., M&C 2011, PHYSOR 2016)
 - Create new category if needed

Manual Updates

- Please enter the PDFs of missing conference proceedings and assign the appropriate category
- A student will be hired to manually update the batches or to enter the PDFs if you transfer the Metadata (you will have to provide the PDFs then)
- If you have problems: contact Rachel, Josh, or me