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Cataloging Electronic Resources: E-books

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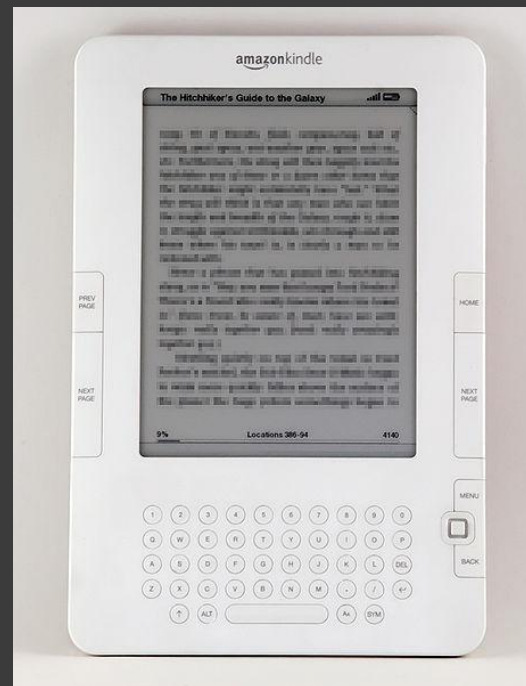
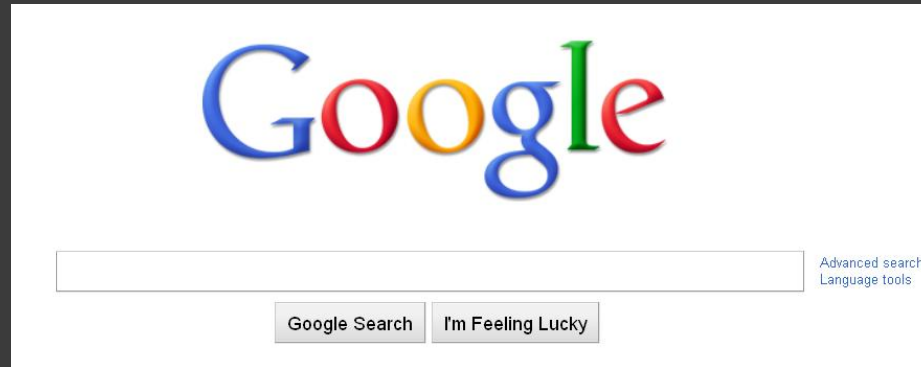
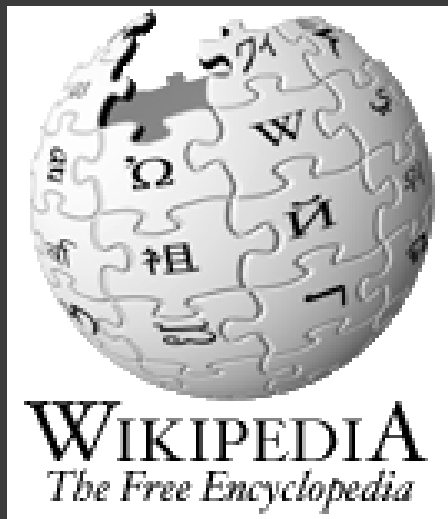
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Guest Lecture
LIS 656, Spring 2011
Kathryn Lybarger

CATALOGING ELECTRONIC RESOURCES: E-BOOKS

What is an Electronic Resource?

“Material (data and/or program(s)) encoded for manipulation by a computerized device. This material may require the use of a peripheral directly connected to a computerized device (e.g. CD-ROM drive) or a connection to a computer network (e.g. the Internet)” – AACR2, Appendix D



What is NOT an electronic resource?

- ⦿ At least, what should not be CODED as an electronic resource?
- ⦿ Examples:
 - Music CDs
 - DVDs
 - Videotapes
- ⦿ Distinction is lessened in RDA.

Traditional materials in electronic formats

- ⦿ Books, pamphlets, and printed sheets
- ⦿ Cartographic materials
- ⦿ Manuscripts
- ⦿ Music and sound recordings
- ⦿ Motion pictures and videorecordings
- ⦿ Graphic materials
- ⦿ Serials

Electronic only

- ⦿ Searchable databases
- ⦿ Web sites
- ⦿ Blogs and social media
- ⦿ Podcasts
- ⦿ Streaming audio and video
- ⦿ Web games

Direct access

- ⦿ Examples:
 - CD-ROM
 - Flash drive
 - E-book on a reader
 - Playaway
- ⦿ Cataloging must indicate system requirements as well as content.

Remote access

- ⦿ Examples:

- Web (HTTP)
- FTP
- E-mail
- NNTP

- ⦿ Cataloging what you have access to rather than what you physically own

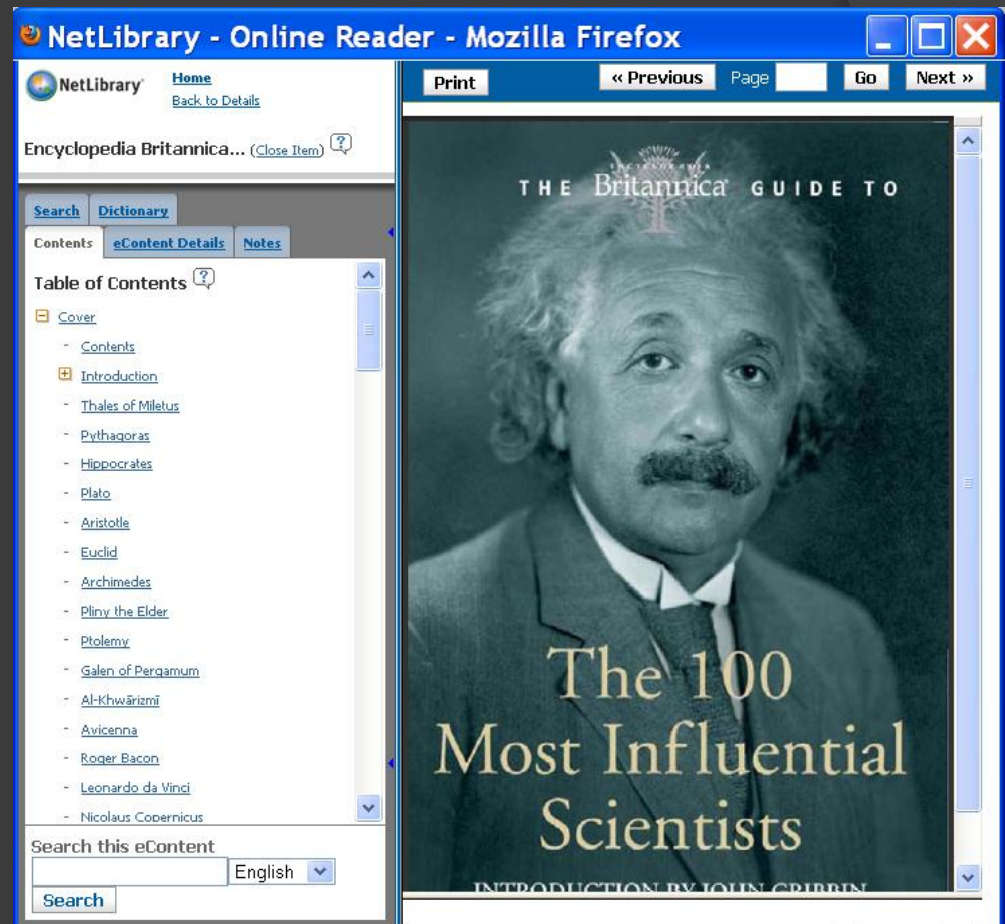
E-books

⦿ Many vendors offer e-books. These differ in:

- Content
- Format
- License
- Features

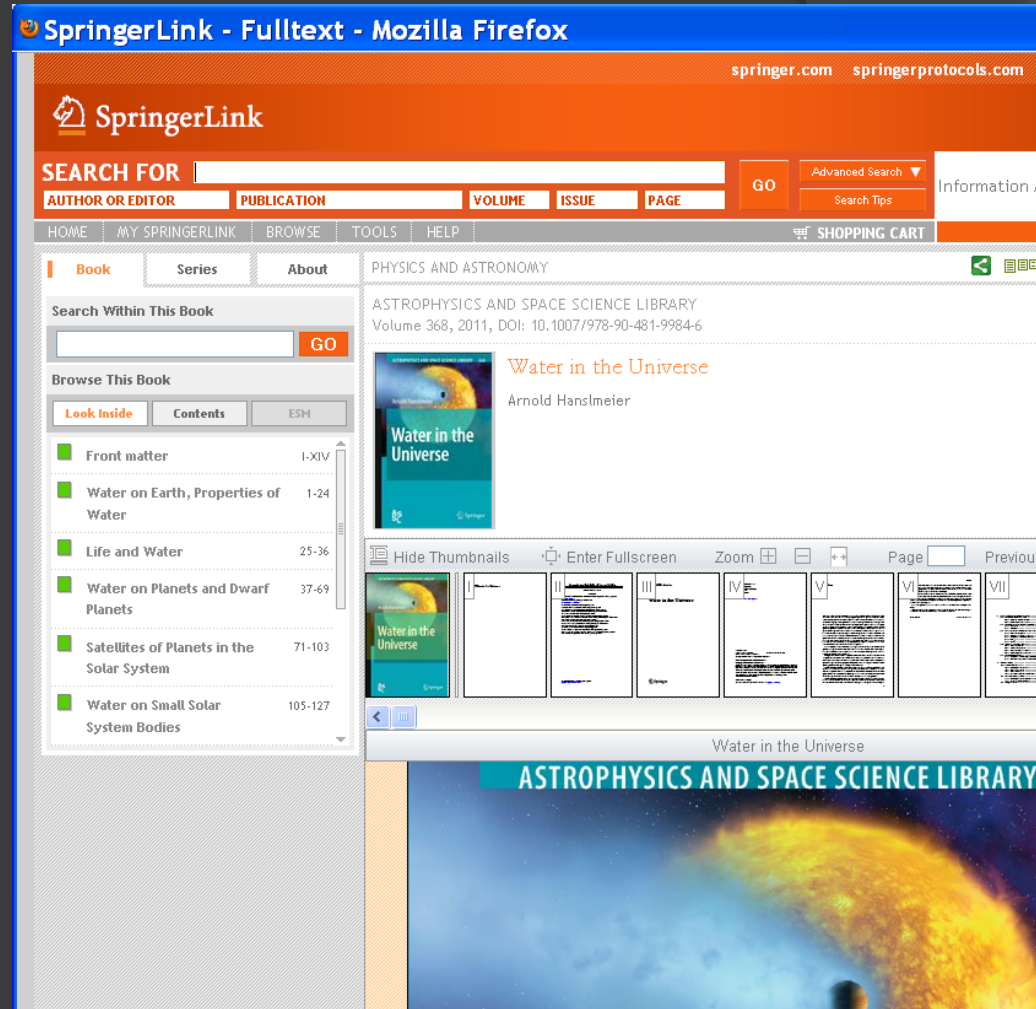
NetLibrary

- Books from many publishers
- Proprietary (web) viewer
- One patron may use at a time



SpringerLink

- Only books from Springer
- Viewer + PDFs
- Multiple patrons may use at once



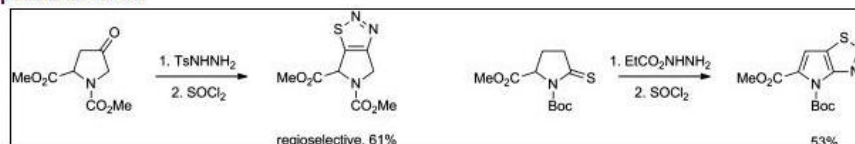
- Elsevier books and journals

- Chemistry journals have access points for chemical compounds (InChi keys)


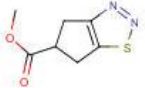
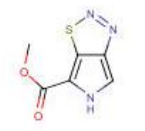


Abstract

A series of new pyrrolo[*d*][1,2,3]thiadiazole carboxylates and 5,6-dihydro-4*H*-cyclopenta[*d*][1,2,3]thiadiazoles has been synthesized via the Hurd–Mori reaction. The regioselectivity of the cyclization has been studied and trends were established to predict the cyclization direction to afford bicyclic 1,2,3-thiadiazoles. Effects promoting and disfavoring the reaction have also been investigated to guide the synthesis of scaffolds of this type.

Graphical abstract



Author's Key Structures in this Article

	C ₄ H ₃ N ₃ S (126.154) Search in Reaxys ? InChIKey Search ? Q		C ₇ H ₆ N ₂ O ₂ S (184.219) Search in Reaxys ? InChIKey Search ? Q
	C ₆ H ₅ N ₂ O ₂ S (183.191) Search in Reaxys ? InChIKey Search ? Q		C ₆ H ₅ N ₂ O ₂ S (183.191) Search in Reaxys ? InChIKey Search ? Q
	C ₈ H ₇ N ₂ O ₄ S (241.227)		C ₆ H ₅ N ₂ O ₂ S (183.191)

Keywords: Annelated heterocycle; Cyclization; Protecting group; Regioselectivity; Systemic acquired resistance

BKEJQHMFJCUTKL-UHFFFAOYSA-N; TYPJSLXIPNEPES-UHFFFAOYSA-N; LSLFJEGXOZLMIB-UHFFFAOYSA-N; NNRCUIHQDFQNEY-UHFFFAOYSA-N; VHAZNLAOGMRCJT-UHFFFAOYSA-N; GGOXXCPNKQZARP-UHFFFAOYSA-N; XSIYXONHWUOLOY-UHFFFAOYSA-N; YRUKHRXUHKNTIZ-UHFFFAOYSA-N; FOCXHIQVRJXMMN-UHFFFAOYSA-N; PHNGQFXSQDXGAZ-UHFFFAOYSA-N; AVDGQKYPQSDSDT-UHFFFAOYSA-N; BORYQKOSGJBPR-L-UHFFFAOYSA-N; HCGBXVVTSMATFK-UHFFFAOYSA-N; XXHVOSWXRDPIHW-UHFFFAOYSA-N

InChI Keys

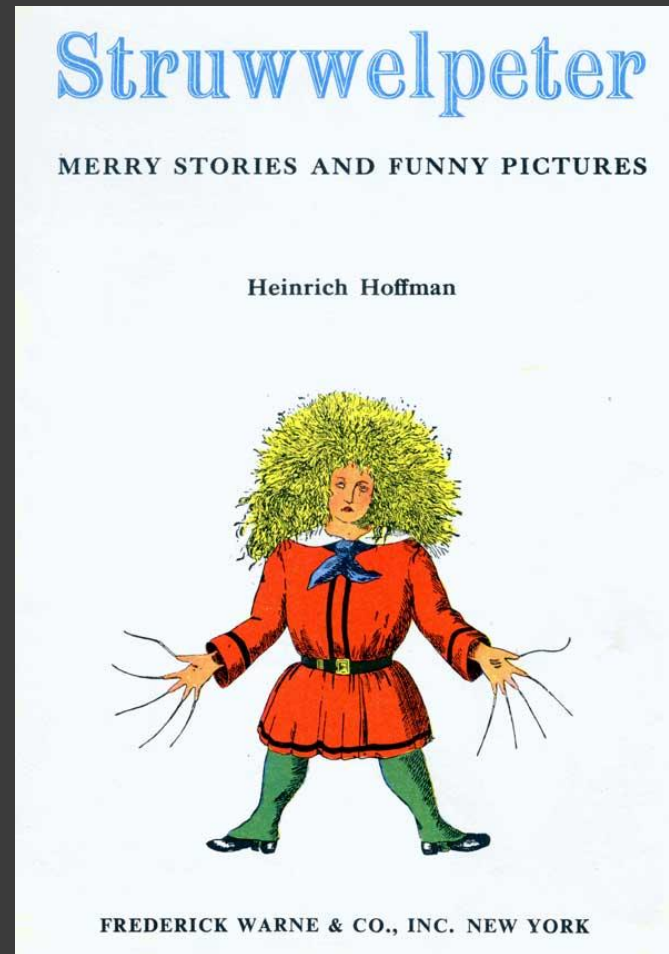
OverDrive

- Books from multiple publishers
- EPUB and PDF
- Use a reader or free software
- HarperCollins recently announced a cap of 26 checkouts



Project Gutenberg

- ◉ The oldest digital library, started in the 1970s
- ◉ Many formats
- ◉ Public domain works
- ◉ New books added every day, so many are uncataloged



Cataloging

- Most e-book cataloging I see in the library is AACR2/MARC.
- Allows federated searching of physical and electronic collections.
- MARC records available from many vendors (quality varies)

A Sketchy Record in OCLC (marked as AACR2!)

100 1_ Franklin.

245 10 CESMM3 price database 2009 #h [electronic
resource] / #c Franklin, Andrews.

260 __ London, #b Thomas Telford Ltd, #c 2009.

300 __ 600 p.

500 __ Ebook.

516 __ Document

538 __ PDF: Adobe PDF.

650 _0 Civil engineering #x Prices.

650 _7 Surveying. #2 bicssc

650 _7 Technology. #2 eflch

700 1_ Andrews.

Cataloging Standards

- ◎ AACR2, 2nd edition Revised with 2005 updates
 - Electronic books (LCRI 1.11A)
- ◎ MARC Format for Bibliographic Records
 - OCLC version is available within Connexion and from its website.
- ◎ Local Decisions
 - Should e-books have call numbers?

Fixed Fields (Connexion)

Books	▼	Rec Stat	c	Entered	19790215
Type	a	ELvl	I	Src	
BLvl	m	Form	o	Conf	0
		Cont	b	G Pub	
Desc	a	Ills	af	Fest	0
Action Status					
Delete Holdings _ Export _ Label _ Produce _ Update Holdings					

	Replaced	20091115205726.7			
Audn	j	Ctrl		Lang	eng
Biog		MRec		Ctry	nyu
LitF	1	Indx	0		
DtSt	s	Dates	1916 ,		
					Create 006: ▼
Idings Validate					

Leader/008 (Fixed fields)

- ⦿ **Type: a**
 - Indicates language material
 - In Connexion, use the Books workform
- ⦿ **Form:** indicate electronic
 - s – Electronic
 - o – Online
 - d – Direct electronic
- ⦿ **DtSt and Dates:** use dates of the original material

006: Additional Material Characteristics

◎ Type: m

- Indicates that it is a computer file
- In OCLC, use the **Computer File** option

◎ File: d

- Indicates that it is a digital **document**

007: Physical Description Fixed Field

- ⦿ #a c
 - Indicates electronic resource
- ⦿ #b r
 - Indicates remote access
- ⦿ #d g
 - d – black-and-white
 - g – gray scale
 - c – multicolored
- ⦿ (other subfields, optional)

245\$h : General Material Designation (GMD)

- 245 00 \$a Atom chips \$h [electronic resource] / \$c edited by Jakob Reichel and Vladan Vuletić.
- Patrons can identify e-books from the search results screen in the OPAC
- (GMD is not part of RDA)

655: Genre/form heading

- Many people use this field to indicate a form of e-book, but there is no standard vocabulary:

655 _4 Electronic books.

655 _4 E-book.

655 _4 Ebook.

- We do not use this at UK.

776: Additional Physical Form Entry

- Link electronic version to other formats if they exist
- 776 08 #i Print version: #t Accurate condensed-phase quantum chemistry.
#d Boca Raton, FL : CRC Press, c2011
#z 9781439808368 #w (DLC)
2010022634 #w (OCoLC)640131978

856: Electronic Location and Access

- ◎ 856 40 ≠u <http://dx.doi.org/10.1007/978-90-481-3713-8>
- ◎ ≠3 Materials specified
 - Often used to denote volume number
- ◎ ≠z Public note (link text)

DOI: Digital Object Identifier

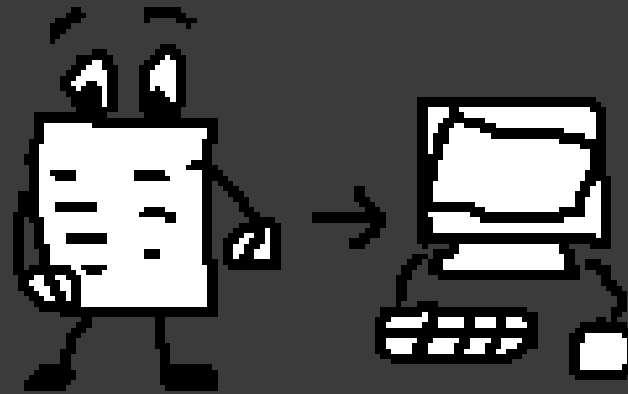
- ⦿ DOI may appear on the e-book as:
 - DOI: 10.1007/978-90-481-3713-8
- ⦿ Create DOI URL:
 - <http://dx.doi.org/10.1007/978-90-481-3713-8>
- ⦿ Vendor + IDF commit to keep URLs working

DOIs and other PURLs

- ⦿ If possible, use a DOI or other Persistent URL in the 856
- ⦿ Such URLs direct you to a service which redirects you to the actual file location.
- ⦿ In any case, use a URL from the vendor or in the page, not just from the browser location!
- ⦿ May seem like an extra step, but:
 - More reliable over time
 - Less editing in individual catalogs

Electronic reproduction

- Similar to microfilm, facsimile/photocopy reproductions
- Most of the record is the same as the original
- A few fields to describe digitization



Physical description

- 300 ____ xi, 324 p. : \$b ill. ; \$c 24 cm.
- Use physical description for original, even if details have changed in the electronic version!
- Significant changes may be included in a note.

588: Source of description

- ④ 588 __ Description based on print record.
- ④ This is good to note if you do not have the original in hand.

533: Reproduction note

- 533 __ #a Electronic reproduction. #b London : #c ICE Virtual Library, #d 2010. #n System requirements: Adobe Acrobat Reader. #n Title from title screen (viewed on Jan. 22, 2011). #n Access may be restricted to users at subscribing institutions.

Reproduction records are provider-specific

- When copy cataloging and using provider-specific records, you must use a record that specifies your e-book source
- This approach creates lots of very similar records in collections, which may be of varying quality

Provider-neutral records

- ◎ Many e-books are born digital, so cataloging as a reproduction may not be appropriate.
- ◎ One record contains information about all possible electronic versions of that book.
- ◎ Now the recommended standard.

Physical description

- 300 __ \$a 1 online resource.
- 300 __ \$a 1 online resource (xi, 200 p.)
- 300 __ \$a 1 online resource (xi, 200 p.) :
\$b ill.

588: Source of description

- ◎ 588 __ Description based on print record.
- ◎ Physical book description is the most authoritative description for any potential e-book.

(Local) Notes

- ⦿ Provider neutral records do not have a 533.
- ⦿ Notes that were previously in 533 may go into the body of your LOCAL record.
- ⦿ 506 __ Restricted to subscribers.
- ⦿ 538 __ System requirements: Adobe Acrobat Reader.

Electronic Location and Access

- ◎ 856 40 ÷3 NetLibrary ÷u
<http://www.netLibrary.com/urlapi.asp?action=summary&v=1&bookid=354225>
- ◎ 856 40 ÷3 ebrary ÷u
<http://site.ebrary.com/id/10446712>
- ◎ 856 40 ÷3 Wiley InterScience ÷u
<http://dx.doi.org/10.1002/9783527633357>

Connexion Demo

<http://connexion.oclc.org>

References

- ◎ [OCLC Bibliographic Formats and Standards](#)
- ◎ [Provider-Neutral E-Monograph MARC Record Guide](#) (Library of Congress, 2009)