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MELBOURNE

Space Oddity

Understanding and Supporting
the Interactions between
Physical and Online Library
Services

Dana McKay and George Buchanan
iSchool, University of Melbourne

Image credit: <https://shelftalkblog.wordpress.com/2016/01/11/david-bowies-favorite-books-at-your-library/>





Dana McKay

- 2017-Now** Academic, University of Melbourne
- 2016** Google PhD Fellowship holder
- 2008-2017** User experience architect/consultant, Swinburne University of Technology Library
- 2007** Usability analyst, ARROW project
- 2003-2006** Graduate assistant, University of Waikato Department of Computer Science
Consultant, The Usability Laboratory, Hamilton, NZ
Researcher, University of Waikato Department of Computer Science
- 2002** Research Fellow, University of Waikato Department of Computer science
Usability analyst, Nokia Mobile Phones
- Education** PhD in Computing and Information Systems focusing on Information Interaction





George Buchanan

- 2016-** Director University of Melbourne iSchool
- 2009-2016** Reader in Human Computer Interaction, City University London
- 2005-2009** Lecturer, Future Interaction Technology Lab
Swansea University, Wales
- 2002-2005** Senior Research Fellow,
University College London Interaction Centre
- 2003-2004** Visiting Lecturer, University of Waikato,
New Zealand Digital Library Group
- 1998-2003** Research Fellow, Middlesex University
Interaction Design Centre
- Education** 2000-2004 PhD in Usability of Digital Libraries
Middlesex University





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Let's Get This Party Started

- All work in working libraries
- Nearly all low-tech
- No fancy stats

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<https://soundcloud.com/ashestoashesjc/ur-hand-pnk-cover>





Outline

- Into space (man): Library spaces
- 1, 2, 3, 4...Why Count?
- Proclamations on Counting Physical and Digital Space
- Relative Dimension in Space: Blurring the Physical and Digital
- Gonna say goodbye (with some key messages)

Tweet to us! @danachatter
@georgerbuchanan

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Into Space (Man): Library Spaces

- Library spaces
- Library as place
- What can you control or change?

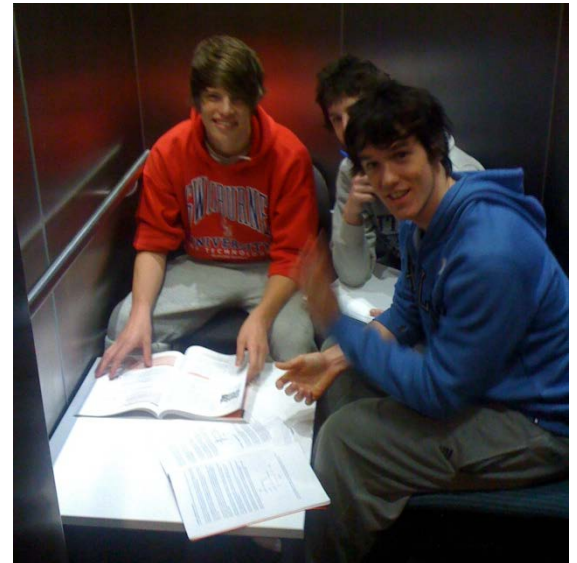
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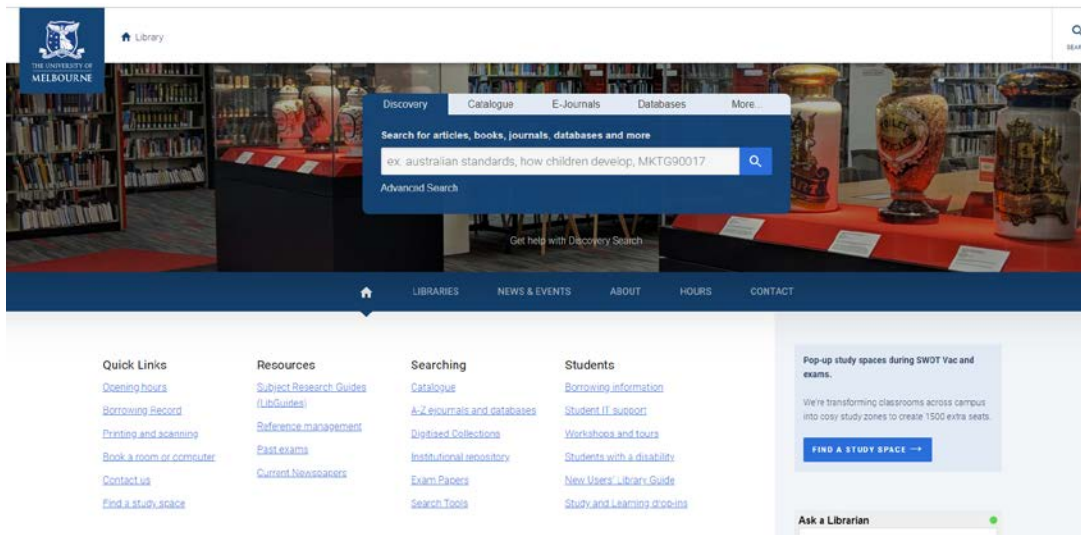
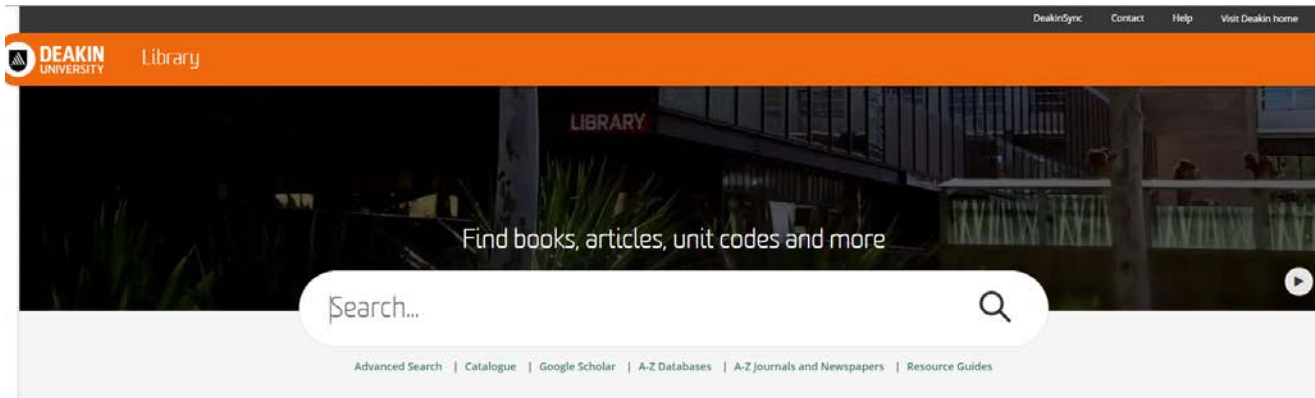


Let's Get Physical: Library spaces





OK Computer: Digital Library Space



A-Z Ejournals and Databases

Ejournal Title Search

Starts with Contains

Browse Ejournals via BrowZine

Connect to BrowZine

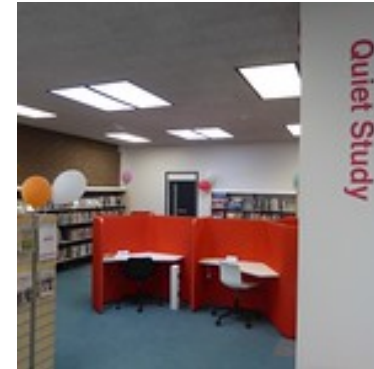
Browse Ejournal Titles

0-9|A|B|C|D|E|F|G|H|I|J|K|L|M|N|O|P|Q|R|S|T|U|V|W|X|Y|Z|Others

FIND DATABASES



Our House: Libraries as Place





One of These Things is Not Like the Others: Physical vs Digital Space





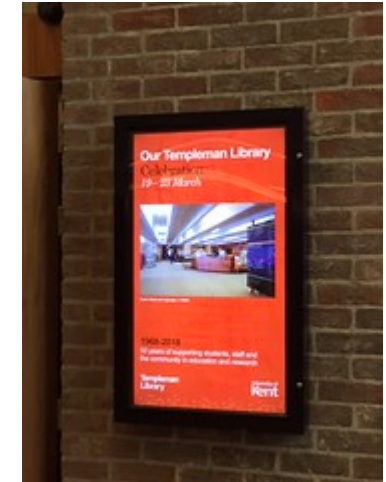
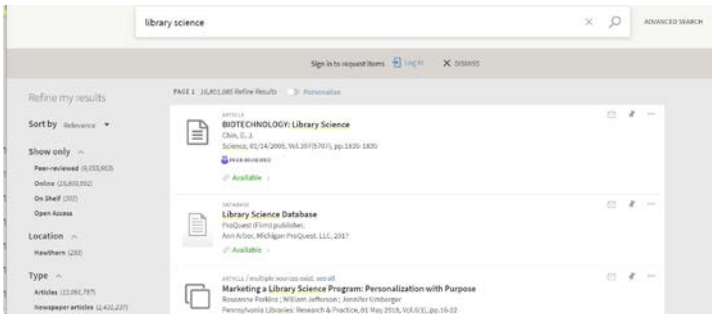
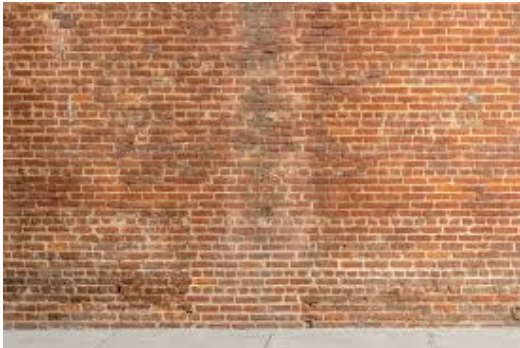
One of These Things is Not Like the Others: Physical vs Digital Space





Standing in the Way of Control: What Can You Change

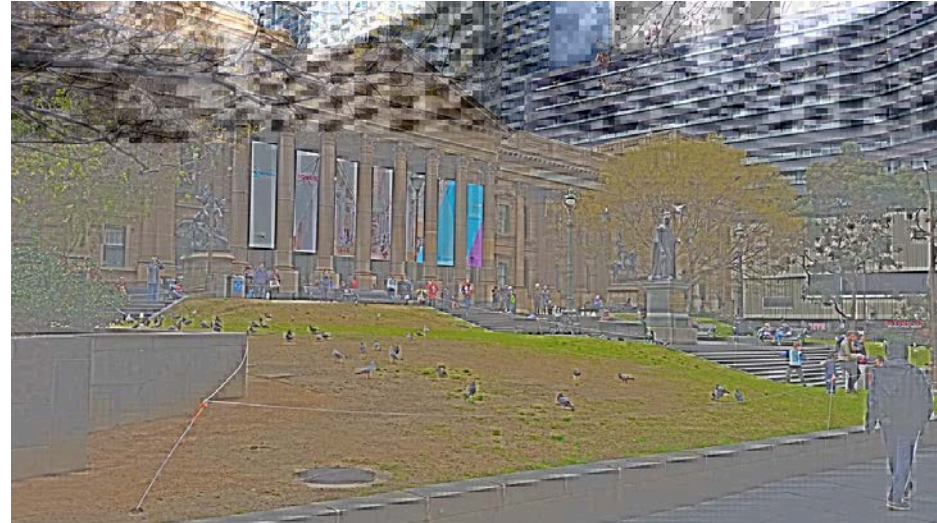
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A-A+ **SHARE**

Our service guidelines & principles

Our principles of service are guided by the [National and State Libraries Australasia \(NSLA\)](#) principles of information and research services. These are also available as a PDF on the NSLA website: [Information & research services principles](#).

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1,2,3,4: What Are We Counting For?

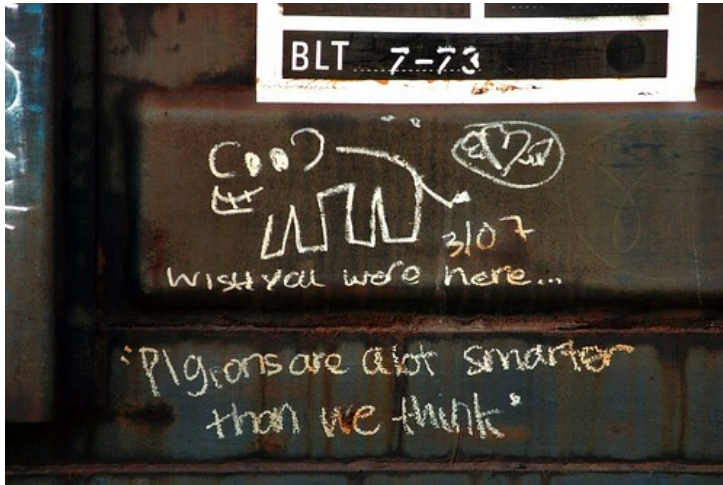
- The Benefits of Counting
- What Can We Learn From Counting?

Image credit:
[https://www.wikiwand.com/en/Feist_\(singer\)](https://www.wikiwand.com/en/Feist_(singer))





It's Got to Be(-e-e-e-eee) Worth It: The Benefits of Counting





All Shiny and New: What Counting Can Teach You





All Shiny and New: What Counting Can Teach You





Walk 500 Miles: Counting the Physical

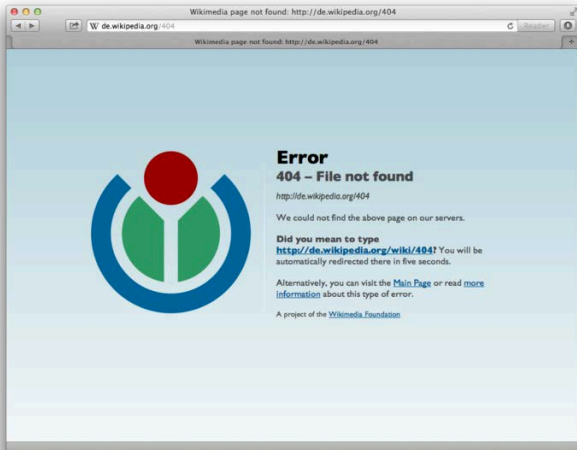
- Libraries already count the physical
- Example: Counting work

Image credit:
<https://nostalgiacentral.com/music/artists-l-to-z/artists-p/proclaimers/>





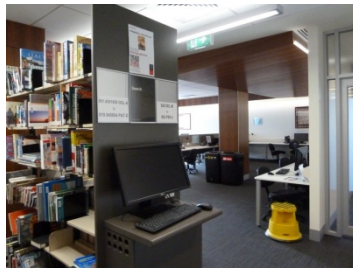
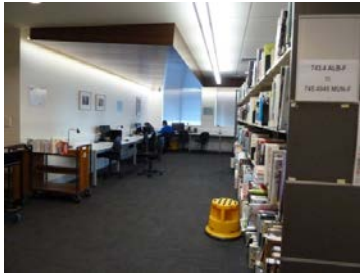
This Much is True: Libraries Already Count Physical Things





Swinburne Library (2014)

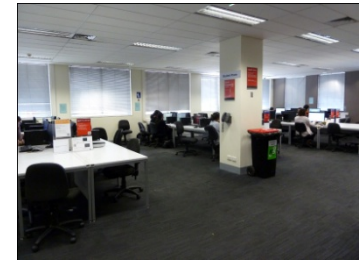
Levels 4 & 5



Level 3



Level 2
(entrance)

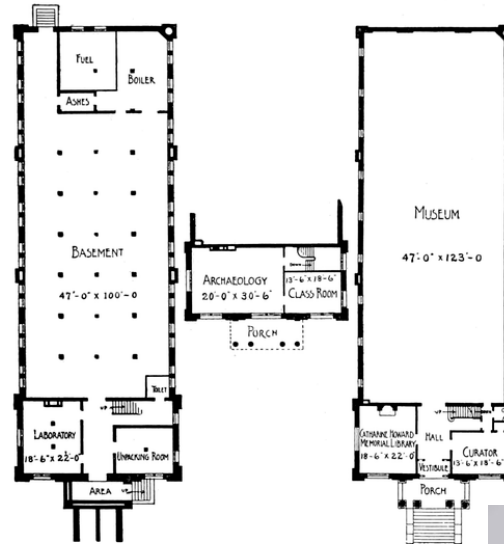
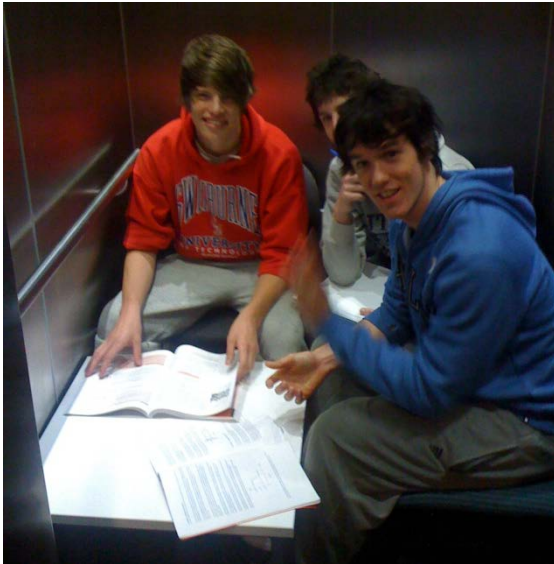


Level 1 &
'the hub'





Somewhere Only We Know: Counting Physical Space (Why)



SCIENCE BUILDING - FLOOR PLANS





Somewhere Only We Know: Counting Physical Space (How)

Loose Study Group

Group Size: _____ Time: _____ Location (inc. Table): _____ Study Item/Material: _____

Shared Food: _____ Shared Visual Field: _____ TV viewing present: _____

Mmbr	M/F	Technology Reading (laptop, books, print, notes)	Tech. Write	Roles (Leader, Scribe, Faff)
1	F	tablet, shared worksheet	Worksheet	leader
2	M	worksheet, notibook	worksheet, notibook	student
3	M	tablet, txbook (closed)	notibook open	faff → teacher
4				
5				
6				
7				
8				

Handwritten notes:

- tablet in hands
- 3 cloud tips
- Lib textbook
- open no
- calc
- NS
- F
- M2
- M3 looked something up discussion continued with F1, M2 book turned to demonstrate
- F13 dipping in and out, when engaged tablet turned to share
- F1 gestures to tablet to facilitate shared reading
- engaged and began writing in notibook



Week 1. 14th May 2:30pm

Group size	#laptops	#desktops	#tablets	Books?	Note-books?	Level	seating	Notes
2						30	D	SGC
2	2						D	SGC
3	1	2					PC	SGC
2		1		1			PC	SGC
2	1	1					PC	Co Prod
2	2	2					D	SGC
5	5							SGC
2			1		3			SGC
2	2			2			D	SGC
2	2				2		D	SGC
2	2						D	Co Prod
3	1	2		1	3		D	SGC
3	1	1		2	3		PC	Co Prod
2		1					PC	Co Prod
2		1					PC	Co Prod
3	1	2					PC	Co Prod
6	3				2	30	PC	Co Prod
4	3		1			30	PC	Co Prod
2	2						D	?
4	4						D	Co Prod
2							L	20 Social
2	2						D	20 ?
2		1					PC	20 Social
2		1					PC	20 ?
2				now			D	20 Social
2		1					PC	20 Co Prod
2	1	1					PC	20 Co Prod



Somewhere Only We Know: What We Learned

Solo Work Types

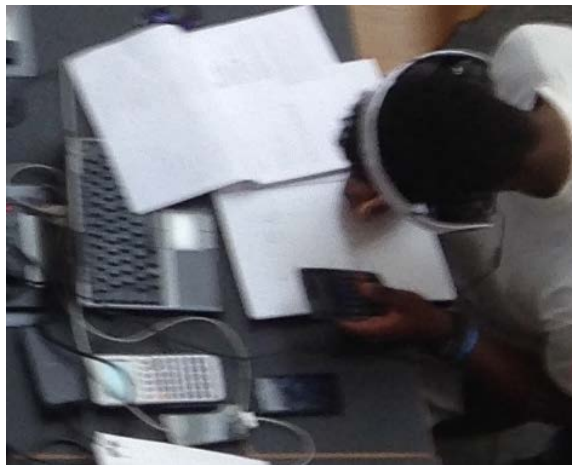
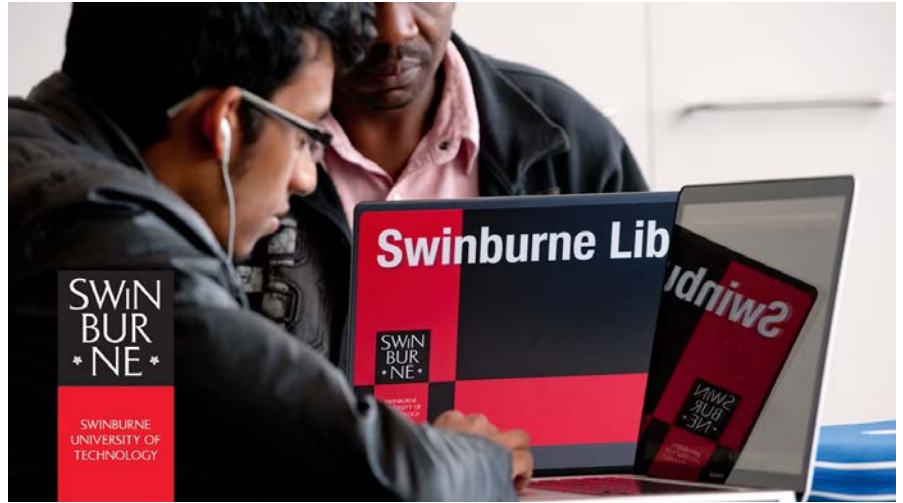


Group Work Types





Somewhere Only We Know: Practical Lessons





500 More: Counting Use of Your Digital Space

- You already do this, too
- Example: Ebook covers

Image credit:
<https://www.dailyrecord.co.uk/entertainment/music/music-news/proclaimers-look-back-25-years-2026746>





The Familiar Strange: Examples of Counting the Digital



Borgman, C. L. (1996). Why are online catalogs still hard to use?. *Journal of the American society for information science*, 47(7), 493-503.

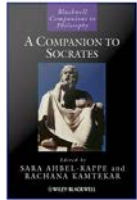


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Judging an (Ebook) by Its Cover



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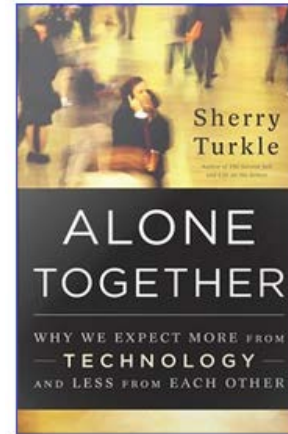
A Companion to Socrates

by Kamtekar, Rachana, Ahmed-Rappe, Sara

Written by an outstanding international team of scholars, this Companion explores the profound influence of Socrates on the history of Western philosophy.

- Discusses the life of Socrates and key philosophical doctrines associated with him
- Covers the whole range of Socratic studies from the ancient world to contemporary European philosophy
- Examines Socrates' place in the larger philosophical traditions of the Hellenistic world, the Roman Empire, the Arabic world, the Renaissance, and contemporary Europe
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Publisher:	Wiley-Blackwell	Dewey:	183.2
Series:	Blackwell companions to philosophy, V. 34	Publication Date:	15 Apr. 2008
Pages:	559	Category:	Philosophy
LCCN:	B317 .C58 2008eb	Language:	English
Edition:	1	LCSH:	Socrates Socrates.



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 - ▶ England in cross-national surveys
 - ▶ Questions and clues arising
- ▶ Chapter 2 Lessons from Comparative Theories
 - ▶ Djilas's theory of a 'new class'
 - ▶ Post-Marxist theories in Britain
 - ▶ Comparison via correlation coefficients in the United States
 - ▶ A bold step backwards
- ▶ Chapter 3 What Are Classes? And Who Forms and Dissolves Them?
 - ▶ Class defined
 - ▶ The two agents of class formation
 - ▶ How will we identify classes?
- ▶ Chapter 4 Class Formation in Two Russias

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☆ HCI Theory Classical, Modern, and Contemporary.

Yvonne Rogers
San Rafael : Morgan & Claypool Publishers 2012
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☆ Activity Theory in HCI Fundamentals and Reflections.

Victor Kaptelinin Bonnie Nardi
San Rafael : Morgan & Claypool Publishers 2012
Available

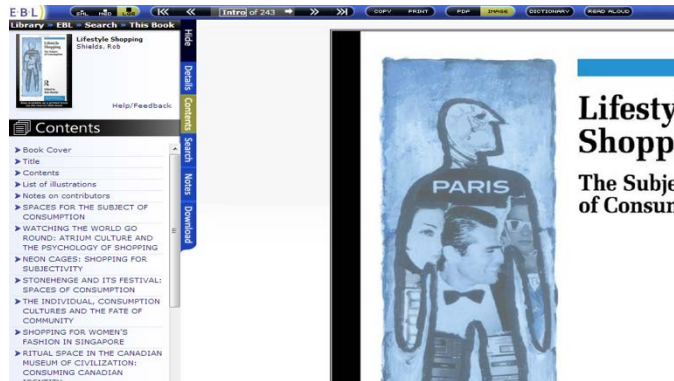
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☆ Semiotic Engineering Methods for Scientific Research in HCI

Clarisse Sieckenius de Souza? Carla Faria Leitão
San Rafael : Morgan & Claypool Publishers 2009
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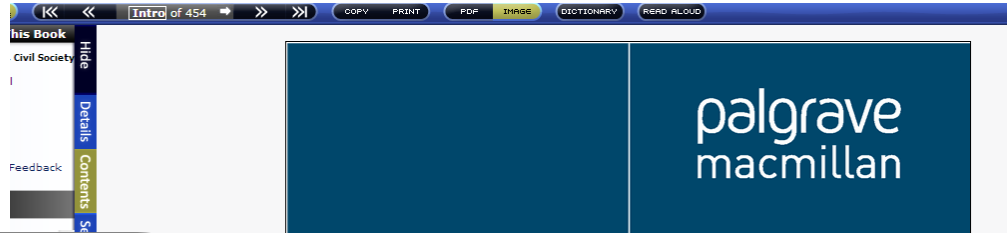
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- ▶ NEON CAGES: SHOPPING FOR SUBJECTIVITY
- ▶ STONEHENGE AND ITS FESTIVAL: SPACES OF CONSUMPTION
- ▶ THE INDIVIDUAL, CONSUMPTION CULTURES AND THE FATE OF COMMUNITY
- ▶ SHOPPING FOR WOMEN'S FASHION IN SINGAPORE
- ▶ RITUAL SPACE IN THE CANADIAN MUSEUM OF CIVILIZATION: CONSUMING CANADIAN IDENTITY

Lifestyl Shoppin
The Subject of Consum



Judging an Ebook by Its Cover: Counting Ebook Errors

 ☆ **A Companion to Social and Cultural Theory**
Sara Ahbel-Rappe Ebook
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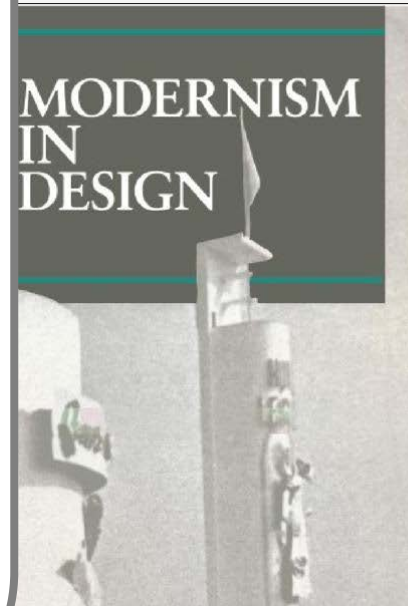
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 - ▶ 5 complicities
 - ▶ 6 love's labor lost
 - ▶ 7 communion
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 - ▶ 9 growing up tethered
 - ▶ 10 no need to call
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- ▶ RITUAL SPACE IN THE CANADIAN MUSEUM OF CIVILIZATION: CONSUMING CANADIAN IDENTITY
- ▶ HAVE YOU GOT THE LOOK? MASCULINITIES AND SHOPPING





Judging an Ebook by Its Cover: Cover and contents?



eBook



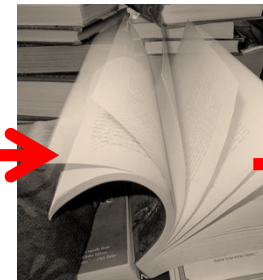
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Judging an Ebook by its Cover: Repairing Ebooks





Relative Dimension in Space: Blurring the Physical and Digital

- Example: Smart boards in the Library
- Exmple: Digital books at the Shelves

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See It With My Third Eye: Mobiles & Public Electronic Displays





See It With My Third Eye: Aims

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CityLibrary
Your space
Your resources
Your library



Cold snacks can come in...
but please use the bin.

You asked to be able to eat snacks in the library. For a trial period until the end of December, cold food will be allowed in all City University London Libraries.

Yes to cold snacks and lidded hot drinks.
No to hot, smelly or messy food.

CityLibrary
Your space
Your resources
Your library



Love your Library



See It With My Third Eye: System



Wiley Online

Journal of Information Science and Technology

Description:

Leading journal on library science, focussing on user and technology issues. Often more accessible than similar, more technology-focussed journals.

Topics:

Library science, information science, information seeking, information retrieval, human-computer interaction

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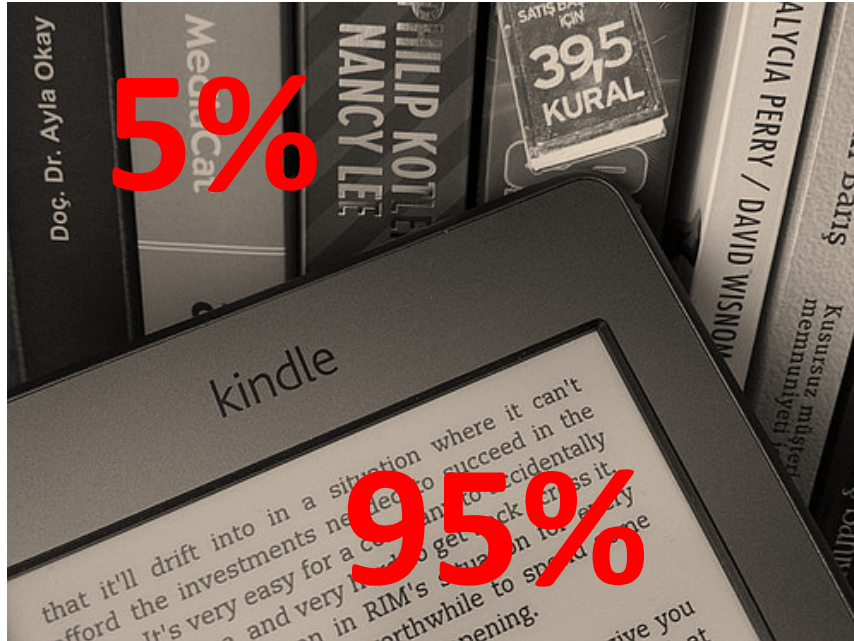
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See It With My Third Eye: Findings



Hungry Eyes: Feeding Digital Content at the Physical Shelves



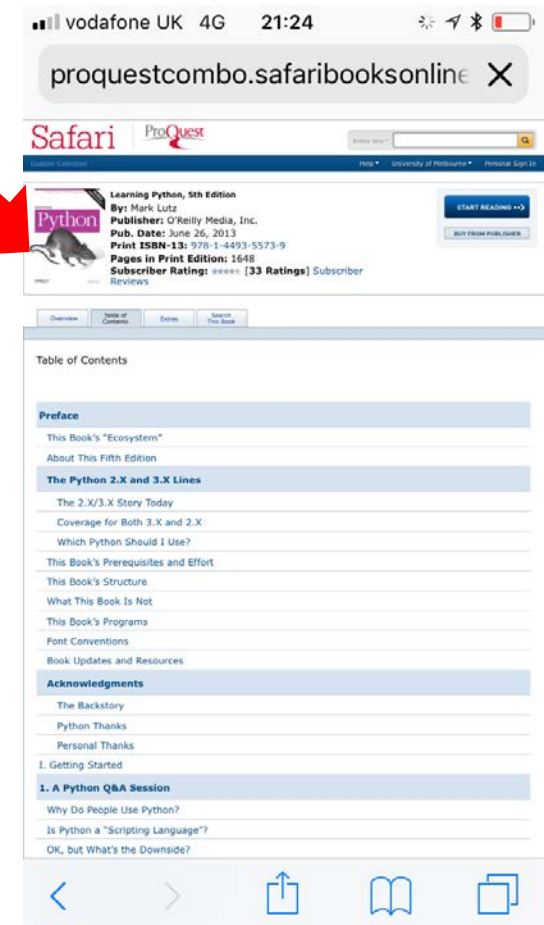
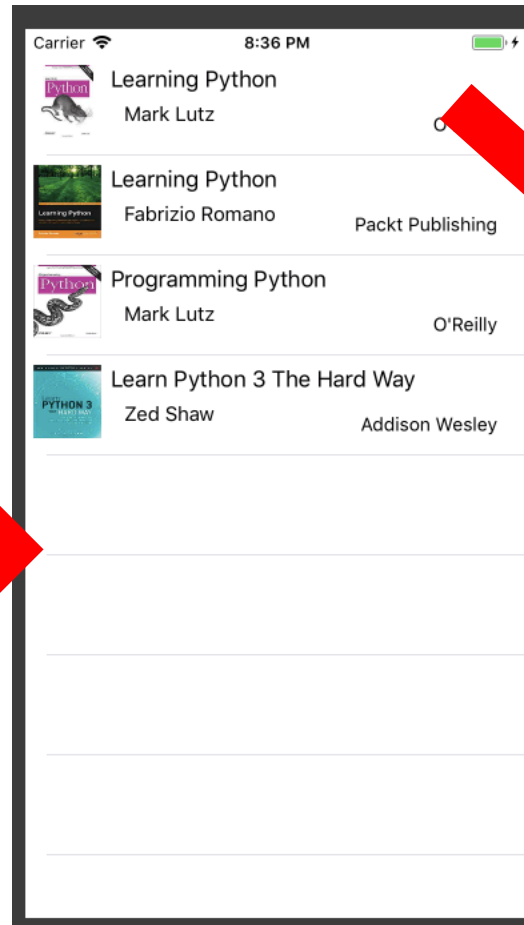
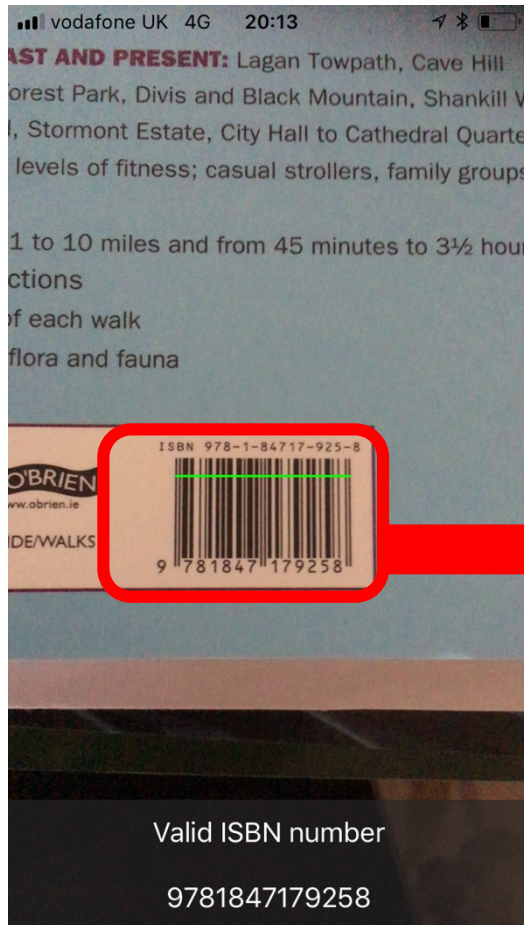
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Hungry Eyes: The Research



Hungry Eyes: The System





Hungry Eyes: Findings



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Title Media literacy : new agendas in communication / edited by Kathleen Tyner.

Publisher New York : Routledge, 2010.

[Permanent Link](#)

LOCATION	CALL #	STATUS
9th Floor	P96.M4 M46 201Q	AVAILABLE

Description xii, 243 p. : ill. ; 24 cm.

Series [New agendas in communication.](#)

Notes Includes tables.
Includes bibliographical references and index.

Contents Introduction : new agendas for media literacy / by Kathleen Tyner -- Literacy in action : media literacy in community-based settings. Young people, new media, and participatory design : a study of cybermohalla from India / by Sanjay Asthana -- Digital pathways to learning through collaborative media production / by Kristin M. Bass & Elizabeth A. Bandy -- Views from the K-12 classroom : media literacy in formal education. Voices from the trenches : elementary school teachers speak about their

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Gonna Say Goodbye (With Some Take Home Messages)



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Take Me Out: Key Messages





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Thank you

Questions?
Comments?

@danachatter; @georgerbuchanan

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Higuchi





People of the Book: Bibliography

- D. McKay, G. Buchanan, et al: Judging a book by its cover: interface elements that affect reader selection of ebooks. Procs. OzCHI 2012: 381-390
- G. Buchanan, D. McKay, S. Makri: Take Me Out: Space and Place in Library Interactions. CHIIR 2019: 45-53
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- G. Buchanan, D. McKay: But what's here is mine: materialities of physical personal workspaces. Procs. OzCHI 2016: 115-124
- G. Buchanan, D. McKay, J. Levitt: Where My Books Go: Choice and Place in Digital Reading. Procs. Joint Conference on Digital Libraries (JCDL) 2015: 17-26
- D. McKay: Gotta keep 'em separated: why the single search box may not be right for libraries. Procs. CHINZ 2011: 109-112

