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Up to Code: Systematically Evaluating and Standardizing Legacy Repository Content

Frances Chang Andreu
Rochester Institute of Technology



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Up to Code: ***Systematically Evaluating and Standardizing Legacy Repository Content***

Frances Chang Andreu
Digital Initiatives Librarian
Rochester Institute of Technology

RIT LIBRARIES

Wallace Library | Cary Collection | RIT Archives

RIT Scholar Works

- Open Access institutional repository
- Digital Commons/bepress
- Contains:
 - Student theses & dissertations
 - Faculty/Staff scholarship (articles, conference proceedings, presentations, etc.)
 - Open Access journals
 - Open Access books
 - RIT-hosted conferences

scholarworks.rit.edu

Background

2002: Library launches first repository, “Digital Media Library” on DSpace

2012: DML migrated to Digital Commons, renamed “RIT Scholar Works
-RIT Digital Archive still maintained on DSpace

2015: Full-time Digital Initiatives Librarian hired

2017: Audit initiated and completed

2018: Audit corrections implementation process began

The Problem

- Unclear copyright status
- Incomplete/incorrect/inconsistent metadata
- Documents did not fit with current policy

The Solution

- Manual audit of all faculty papers
 - Student theses and dissertations undergo a different workflow and were not part of the scope

Results

2,518 works evaluated

- 1,136 for removal
- 791 to keep
 - 537 need edits for green OA compliance
- 591 “unsure”

Final numbers shifted as “unsure” items were evaluated

THE PROCESS

Workflow

- ~~Paper method~~
- Excel Spreadsheet to keep track
 - Sort results into different sheets
- Went through every article to check:
 - Version of paper
 - Copyright owner/OA policy
 - Metadata accuracy
 - Author affiliation with RIT

Challenges

- Lack of documentation
- Limited metadata records
- Defunct publishers
- Unconventional works
- Pre-Internet works

Removals

- Potential copyright violation
- Policy violations:
 - Citation only
 - Author not affiliated
- Easiest to correct: send list to bepress
- Some complications due to SelectedWorks linking

Edits

- Mostly to meet green OA requirements
 - Need full citation
 - Need DOI
 - Need set statement from publisher
 - Need copyright notice
- Correct metadata
- Most time-consuming

Records that Need Edits			
Title	Link	Edit Needed:	Fixed
Another ingredient contributing to rece	http://scholarworks.rit.edu/article/412/	NBEA	DONE
		Publications of the Astronomical Society of the Pacific	
		1) Full citation	
		2) CR statement	
The 2001 superoutburst of WZ Sagittae	http://scholarworks.rit.edu/article/1157/	3) Link to publishers version	DONE
Balancing startup marketing & sales: W	http://scholarworks.rit.edu/other/158/	Lecture	DONE
Speaker Gender Recognition via MFCCs	http://scholarworks.rit.edu/article/1749/	Technical Report - No pub info - ADD ABSTRACT	DONE
		Academy of Management	
		1) Link to published version	
		2) Full citation	
The adoption of enterprise resource pl	http://scholarworks.rit.edu/article/539/	3) CC	DONE
		ACM Conference	
Many-to-many invocation: A New objec	http://scholarworks.rit.edu/article/662/	1) Set statement	DONE
		ACM SIGCSE Bulletin	
Sudoku: A Little lesson in OOP	http://scholarworks.rit.edu/article/687/	1) Set statement	DONE
		ACM	
Alloy, software engineering, and under	http://scholarworks.rit.edu/other/13/	1) Full citation	
		2) Set statement	DONE
		ACM	

ARTICLES

Transverse disks, symbolic dynamics, homology direction vectors, and Thurston-Nielson theory

[William Basener](#)

Abstract

To appear in *Topology and Its Applications*. We review some properties of transverse disks and use symbolic dynamics to determine rotation vectors from the return map to a transverse disk. We also prove connections between the symbolic dynamics and Nielson equivalence of orbits.

Publication Date

9-13-2007

Document Type

Article

Department, Program, or Center

School of Mathematical Sciences (COS)

Recommended Citation

Basener, William, "Transverse disks, symbolic dynamics, homology direction vectors, and Thurston-Nielson theory" (2007). Accessed from <http://scholarworks.rit.edu/article/126>

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Transverse Disks, Symbolic Dynamics, Homology Direction Bectors, and Thurston-Nielson Theory

[William Basener, Rochester Institute of Technology](#)

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Abstract

We review some properties of transverse disks and use symbolic dynamics to determine rotation vectors from the return map to a transverse disk. We also prove connections between the symbolic dynamics and Nielson equivalence of orbits.

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Publication Date

8-1-2006

Comments

This is a post-print. The final, published version of this article can be found here: [doi:10.1016/j.topol.2006.03.025](https://doi.org/10.1016/j.topol.2006.03.025)

Document Type

Article

Department, Program, or Center

School of Mathematical Sciences (COS)

Recommended Citation

William Basener, Transverse disks, symbolic dynamics, homology direction vectors, and Thurston-Nielson theory. In *Topology and its Applications*, Volume 153, Issue 14, 2006, Pages 2760-2764, ISSN 0166-8641, <https://doi.org/10.1016/j.topol.2006.03.025>

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ARTICLES

A classification of tournaments having an acyclic tournament as a minimum feedback arc set

[Garth Isaak](#)

[Darren Narayan](#)

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Abstract

Given a tournament with an acyclic tournament as a feedback arc set we give necessary and sufficient conditions for this feedback arc set to have minimum size.

Publication Date

2004

Comments

Copyright 2004 Elsevier Science B.V., Amsterdam. All Rights Reserved. This research was partially supported by a RIT College of Science Dean's Summer Research Fellowship Grant and a Reidler Foundation Grant. The authors also are grateful to the referees for their valuable comments. ISSN:0020-0190 Note: imported from RIT's Digital Media Library running on DSpace to RIT Scholar Works in February 2014.

Document Type

Article

Department, Program, or Center

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Recommended Citation

Information Processing Letters 92N3 (2004) 107-111

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A Classification of Tournaments Having an Acyclic Tournament as a Minimum Feedback Arc Set

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[Garth Isaak](#), [Lehigh University](#)

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Abstract

Given a tournament with an acyclic tournament as a feedback arc set we give necessary and sufficient conditions for this feedback arc set to have minimum size.

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Publication Date

11-2004

Comments

This is a Post-Print of an article published by Elsevier. Copyright 2004 Elsevier Science B.V., Amsterdam. All Rights Reserved. The final, published version can be found here: <https://doi.org/10.1016/j.ipl.2004.07.001>

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Marketecture: A Simulation-based framework for studying experimental deregulated power markets

[Karla Atkins](#)

[Chris Barrett](#)

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[Karla Atkins](#), *Los Alamos National Laboratory*

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Contacting Publishers

- Don't always respond
- Don't always understand terminology
- Some publishers now defunct or bought out by larger ones

Publisher Name	URL	1st Contact	2nd Contact	3rd Contact	Response
Academy of Entrepreneurship Journal		5/1/18			OK to post
Academy of Human Resource Development	http://www.ahrd.org/	12/19/17			Cannot Post
Academy of International Business		12/19/17			Can Post
Advances and applications in statistical sciences		12/19/17			
Airiti Press		12/20/17			
AIS Educator Association		12/20/17			
AMCIS		12/20/17			
American Accounting Association	http://aaahq.org/About	12/20/17			
American Control Conference	http://acc2017.a2c2.org/	12/20/17			Pre-Print Only
American Council on Science and Education	http://americance.org/events/csci2017	12/20/17			
American Marketing Association		12/20/17			Can post, 12 mo embargo
American Society for Competitiveness		12/20/17			
American Studies Journal	https://journals.ku.edu/amerstud/	1/26/18			
ANSYS on Campus	https://www.ansys.com/	1/26/18			
APICS		5/1/17			
Artificial Immune Systems	https://kar.kent.ac.uk/13740/	1/26/18			Contact Springer instead
Assessment Network of New York	https://assessmentnetworkny.wildapricot.org/	1/26/18			
Association for the Advancement of Artificial Intelligence (AAAI)	https://www.aaai.org/	1/26/18			Pre/Post Print
Association of Computer and Information Science		1/26/18			
Asymmetrical Planetary Nebulae	http://www.iac.es/proyecto/apn4/	1/29/18			OK to post (for APN4)
Brazilian Journal of Business Economics	https://portalrevistas.ucb.br/index.php/rbee/a	1/29/18			
British Academy of Management	https://www.bam.ac.uk/	1/29/18			
Broome County Historical Society		1/29/18			
Cal-Ed	https://www.cal-ed.org/	1/29/18			

Audit Tracker

Citation Corrections									
Edits Made	Monday	Tuesday	Wednesday	Thursday	Friday	Weekly Total	Total Remaining	Goal:	
January 15	0	0	2	6	10	18	589	554	35
January 22	10	10	10	10	14	54	535	504	31
January 29	12	20	11	2	10	55	480	454	26
February 5	10	11	7	13	2	43	437	404	33
February 12	5	10	10	3	5	33	404	354	50
February 19	0	0	0	0	0	0	404	419	-15
February 26	12	7	16	15	10	60	344	369	-25
March 5	10	0	12	10	18	50	294	319	-25
March 12	25	21	0	0	0	46	248	269	-21
March 19	1	11	11	9	10	42	206	219	-13
March 26	10	10	12	10	0	42	164	169	-5
April 2	13	12	12	11	11	59	105	119	-14
April 9	10	8	12	6	4	40	65	69	-4
April 16	10	6	9	0	0	25	40	19	21
April 23	0	1	0	0	7	8	32	DONE!	
April 30	2				Total Complete	575			

RECOMMENDATIONS

DOCUMENT EVERYTHING

- Sign and date it
- Keep all your documents together
- Make sure they are find-able

For Auditing

- How big is your collection?
- Record-keeping throughout process
 - Be detailed!
 - Documentation throughout
 - Use controlled vocabularies (for sorting)
- Set a schedule and a due date

For New (and old) Repositories

- Have a well-defined collection policy
 - Document it!
- Who is in charge of what?
- Create a “Style Guide”
- Save all copyright permissions in central location

For Maintenance

- Policy shapes and sustains your collection
 - Ensure quality by adhere to policy
 - Document any deviations

References

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Thank you!
Questions?

Contact: fcatwc@rit.edu
Twitter @bunheadbrarian