

INTRODUCTION OF



— 黄思琪 & 李谨杰 —

2022年4月25日



Organize

How to organize all the items in Zotero.



Notes

How to take notes in Zotero.



Cite

How to cite papers through Zotero.



Plugins

Several useful plugins for Zotero.



Collaborate

How to collaborate through Zotero.



Organization

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Collaboration

/ Collections and Tags

The screenshot displays the Zotero application window. On the left, a sidebar shows 'My Library' and various collections like 'Colonial Medicine', 'Teaching', and 'Group Libraries'. A red box highlights the 'My Library' button. In the center, a list of items is shown under the heading 'Circulation of Medicine in the Early Modern Atlantic World'. A red box highlights the 'To Read' section at the bottom of this list. On the right, a detailed view of a journal article record is shown, with a red box highlighting the 'More' dropdown menu which lists various document types.

My Library

Colonial Medicine

To Read

19th century Acclimatization Aged Appetite Blood Cemetery Children Climate Colonies Competition Creoles Crossing Degeneration Diet Digestion Disease Doctors Drugs Electric Eels Empiricism Expertise Food France Geography Global Guyane Hair Indies Indigenous medicine Intemperance Language Lemonade Medicine Mortality Piment Poison Practice Professionalism Regeneration Secrets

Zotero

Title

Guerre, maladie, empire. Les services de santé militaires en
Officiers de santé et soignantes créoles face à la fièvre jaune
The Emergence of Tropical Medicine in France
Colonial Disease, Translation, and Enlightenment: Franco-British
Trading in Drugs through Philadelphia in the Eighteenth Century
The Medicines Trade in the Portuguese Atlantic World: Acquisition
Leprosy and Slavery in Suriname: Godfried Schilling and the Portuguese
Medical Experimentation and Race in the Eighteenth-century
The Circulation of Bodily Knowledge in the Seventeenth-century
Circulation of Medicine in the Early Modern Atlantic World
Synthesis of scholarship on "medicines" to restore focus on
Full Text PDF
Colonial Medical Encounters in the Nineteenth Century: The French
Networks in Tropical Medicine: Internationalism, Colonialism,
Early Clinical Features of Dengue Virus Infection in Nicaragua
Medicine in an age of commerce and empire: Britain and its trading
Finding the "Ideal Diet": Nutrition, Culture, and Dietary Practices
Battles of the Self: War and Subjectivity in Early Modern France
The Experiments of Ramón M. Termeyer SJ on the Electric Eel
Psychiatry and Empire
Medicine and the Market in England and Its Colonies, C.1450–1850
Matters of exchange: commerce, medicine, and science in the
A Horrible Tragedy in the French Atlantic
Neither of meate nor drinke, but what the Doctor alloweth:
Transnationalism in the colonies: Cooperation, rivalry, and racial
Variolation, Vaccination and Popular Resistance in Early Colonial
"Syphilis, Opiomania, and Pederasty": Colonial Constructions
Choosing Scientific Patrimony: Sir Ronald Ross, Alphonse Lavau
Madness and Colonization: Psychiatry in the British and French
The Colonial Machine: French Science and Colonization in the
From medical astrology to medical astronomy: sol-lunar and
Disease and Empire: The Health of European Troops in the
Climate & Constitution: Health, Disease, Environment and Politics

更多

案例
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电影
法案
法规
会议论文
即时讯息
论坛帖子
软件
视频剪辑
手稿
听证会
信件
学位论文
演示文档
艺术品
音频剪辑
杂志文章
专利
E-mail
Preprint
TV 广播

Info Notes Tags Related

Type Journal Article
Title Circulation of Medicine in the Early Modern Atlantic World
Author Cook, Harold J.
Author Walker, Timothy D.
Abstract The search for powerful drugs has caused people and commodities to move around the globe for many centuries, as it still does...
cation Social History of Medicine
olume 26
Issue 3
Pages 337-351
Date 2013/08/01
Series
s Title
s Text
l Abbr Soc Hist Med
guage en
DOI 10.1093/shm/hkt013
ISSN 0951-631X
t Title
URL <https://academic.oup.com/shm/article/26/3...>
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Extra
Added 1/24/2018, 10:17:12 AM
modified 1/24/2018, 11:50:15 AM



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/ Web page

做个示范

The screenshot shows a web browser displaying a research paper titled "Code tracking performance analysis of GNSS signal in the presence of CW interference" from the journal Signal Processing. The paper is dated April 2011, has 30 citations, and 29 references. The abstract discusses the impact of continuous wave (CW) interference on GNSS receiver performance. On the right side of the browser window, the Zotero interface is visible, showing the paper being saved to a folder named "06 GNSS系统内系统间" under "我的文库". A red box highlights this process.

保存到 06 GNSS系统内系统间

我的文库

干扰&兼容性

信号对GNSS的干扰

06 GNSS系统内系统间

07 C 测绘

GNSS

完成

Code tracking performance analysis of GNSS s...

ResearchGate Link

Abstract

Continuous wave (CW) interference can cause severe performance degradation of global navigation satellite system (GNSS) receiver. In analysing the code tracking performance of pilot channel under CW interference, the signal spectrum consists of discrete spectral lines and the interference term of the correlator output shows the characteristics of direct current or sine. Thus the traditional assumptions that the interference obeys the Gaussian distribution and that the spectrum of the signal is continuous no longer hold. Considering this fact, this paper presents the analytic expressions of the code tracking error bound for the early-minus-late power (EMLP) discriminator and the dot-product (DP) discriminator. The derived expressions can be used to assess the susceptibility of code tracking performance under CW interference for the pilot channel of GNSS signals. Then the GPS L5 signal is taken as an example

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Call for papers

IET Intelligent Transport Systems.

Submission Deadline: 31/12/2018

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Organization



Notes



Citation



Plugins



Collaboration

/ Take notes

The screenshot shows the Zotero application window with a note titled "Complex signum 非线性变换". The note content discusses interference cancellation (IC) and robust signal processing concepts. A red box highlights the "Notes" tab in the top right corner of the interface.

Complex signum 非线性变换

干扰消除interference cancellation (IC)是一种常见的抑制策略：

干扰检测；估计参数，基于参数模型重建干扰波型；PB和NF都属于这种策略

现有方案的局限性：

需要进行干扰检测，干扰检测中判定阈值的调整；

需要估计以及跟踪干扰信号（进行参数建模），当其快速运动时跟踪困难；

高端解决方案（例如天线阵列技术）并不总是能满足尺寸、重量和功率要求。

提出采用稳健（鲁棒）统计的概念进行信号处理：

使用零记忆非线性（ZNL）技术，普遍化了相关性并实现干扰消除（干扰会造成相关性的退化），该技术不需要设置检测阈值，也不需要估计干扰信号的参数；

提出了一种基于松弛经典高斯假设并考虑拉普拉斯分布测量的鲁棒GNSS接收机，允许离群值拒绝；

在GNSS接收机框架内引入稳健统计概念；

理论上评估在无干扰情况下复sgum非线性的影响，证明复sgum非线性不引入偏差(即，输出样本的平均值与输入样本的平均值成正比)；

给出了效率损失(即无干扰时噪声方差的相对增加)的封闭表达式。这种损失是由标称情况下的次最优性造成的。结果表明，这种非线性引起的损耗约为1.05 dB。

M-估计：ML(MAXIMUM LIKELIHOOD TYPE ESTIMATES)

主要思想：代价函数中的平方应该被残差增长速度较慢的函数所取代；

条件：存在大量不受干扰影响的样本（e.g.脉冲）干扰项BB[n]必须表现为离群值，并且必须有足够数量的干净样本来评估；

使用厚尾分布，将更大的概率分配给离群值，更好地描述噪声和干扰信号的联合PDF；

结果：C/N0

相对于不做任何抑制，本方法大大提高C/N0；

与PB差不多，本方法会带来约0.5dB的增益，PB是0；

两者的计算复杂度也差不多，但是本方法不依赖于任何参数。



Organization



Notes



Citation



Plugins



Collaboration

/ Citation in Word

The screenshot shows a Microsoft Word document titled "新建 DOCX 文档 - Word". The ribbon menu is visible at the top, and the Zotero ribbon tab is selected. The main content area displays a bibliography list:

标题	创建者	添加日期
Complex signum non-linearity for robust GNSS interference mitigation	Daniele 和 Pau Wang 等。	2022/4/8 上午9:33:35
Machine learning-based approach to GPS antijamming		2022/3/4 上午9:57:32

Below the table, four references are listed:

- (1) Daniele, B.; Pau, C. Complex Signum Non-linearity for Robust GNSS Interference Mitigation. *IET Radar, Sonar & Navigation* **2018**, *12* (8), 900–909. <https://doi.org/10.1049/iet-rsn.2017.0552>.
- (2) Borio, D. Myriad Non-linearity for GNSS Robust Signal Processing. *IET Radar, Sonar & Navigation* **2017**, *11* (10), 1467–1476. <https://doi.org/10.1049/iet-rsn.2016.0610>.
- (3) Wang, C.-Z.; Kong, L.-W.; Jiang, J.; Lai, Y.-C. Machine Learning-Based Approach to GPS Antijamming. *GPS Solut* **2021**, *25* (3), 115. <https://doi.org/10.1007/s10291-021-01154-7>.
- (4) Arce, G. R. *Nonlinear Signal Processing: A Statistical Approach*; Wiley-Interscience: Hoboken, N.J, 2005.

Page number 1 is visible at the bottom left, and page 6 is at the bottom right. The status bar at the bottom shows "第1页, 共1页 82个字 英语(美国)".



Organization



Notes



Citation



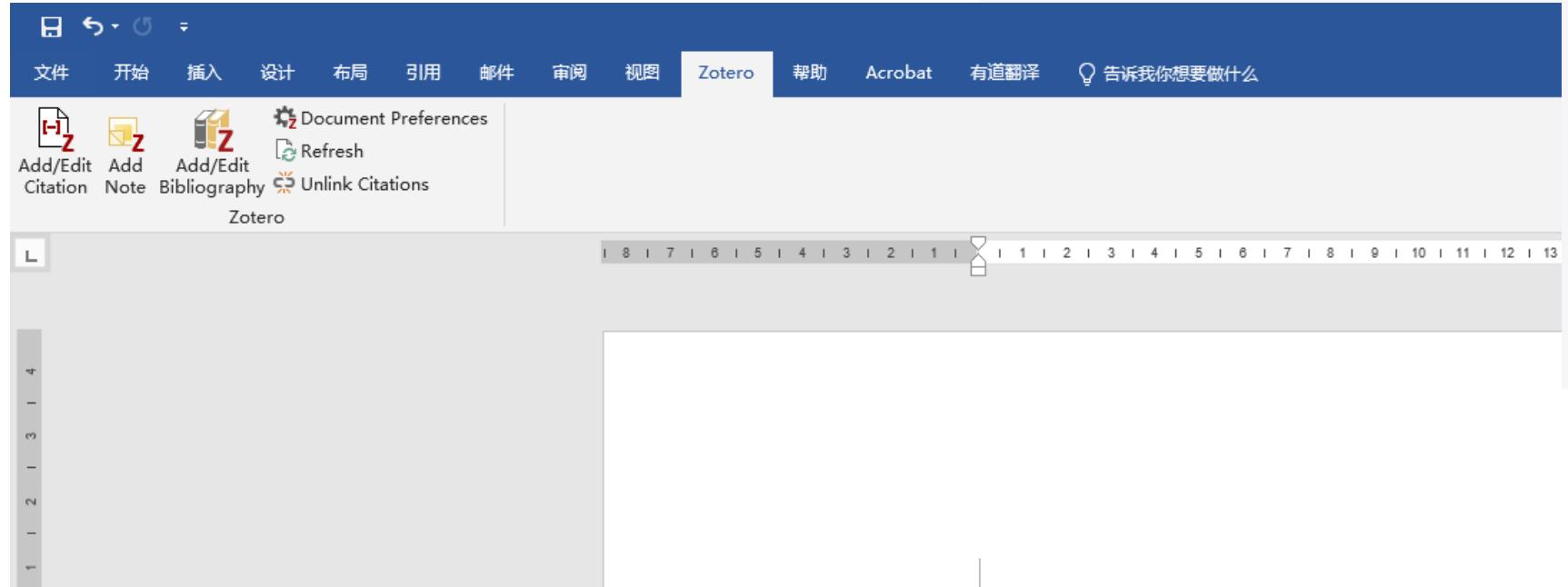
Plugins



Collaboration

/ Citation in Word

北航论文：GB7714-87



添加/编辑引文		在光标位置添加新引文或编辑文档中的现有引文。
添加/编辑参考书目		在光标位置插入参考书目或编辑现有的参考书目。
文档首选项		打开“文档首选项”窗口，例如更改引文样式。
刷新		刷新所有引文和参考书目，更新Zotero库中已更改的任何项目元数据。
取消链接引文		通过删除字段代码取消链接文档中的Zotero引用。这可以防止引用和参考书目的任何进一步的自动更新。 请注意，删除字段代码是不可逆转的，通常只能在文档的最终副本中完成。



Organization



Notes



Citation



Plugins



Collaboration

/ Citation in LaTeX



Better BibTeX for Zotero
Make Zotero useful for us LaTeX hol... More

Disable Remove

Title	Creator	Year	Info	Notes	Tags	Related
> Near-Optimal Area-Coverage Path Planning of Energy-Constrained Aerial Robots With Application	Jensen-Nau et al.	2021	1			
> Message-Aware Graph Attention Networks for Large-Scale Multi-Robot Path Planning	Li et al.	2021	2			
> Data-Driven MPC for Quadrotors	Torrente et al.	2021	2			
> A Real-Time Game Theoretic Planner for Autonomous Two-Player Drone Racing	Spica et al.	2020	3			
> Graph Neural Networks for Decentralized Multi-Robot Path Planning	Li et al.	2020	3			
> Mobile Robot Path Planning in Dynamic Environments through Globally Guided Reinforcement Learning	Wang et al.	2020	3			
> The Emergence of Adversarial Communication in Multi-Agent Reinforcement Learning	Blumenkamp and Prorok	2020	1			
> Dynamic obstacle avoidance for quadrotors with event cameras	Falanga et al.	2020	1			
> Path planning techniques for unmanned aerial vehicles: A review, solutions, and challenges	Aggarwal and Kumar	2020	1			
> Methods for Online UAV Path Planning for Tracking Multiple Objects	Nguyen	2020	1			
> Minimal navigation solution for a swarm of tiny flying robots to explore an unknown environment	McGuire et al.	2019	1			
> Search-Based Motion Planning for Aggressive Flight in SE(3)	Liu et al.	2018	1			
> Tracking wildlife with multiple UAVs: System design, safety and field experiments	Bayram et al.	2017	1			
> A Survey of Motion Planning and Control Techniques for Self-Driving Urban Vehicles	Paden et al.	2016	1			
> Conflict-based search for optimal multi-agent pathfinding	Sharon et al.	2015	2			
> Path Planning and Trajectory Planning Algorithms: A General Overview	Gasparesotto et al.	2015	1			
> Quadrotor Helicopter Trajectory Tracking Control	Hoffmann et al.	2008	1			
> Reciprocal velocity obstacles for real-time multi-agent navigation	Van den Berg et al.	2008	1			
> Efficient Two-phase 3D Motion Planning for Small Fixed-wing UAVs	Hwangbo et al.	2007	1			
> Behaviour-based control: examples from navigation, learning, and group behaviour	Mataric	1997	1			

Citation Key: wang_mobile_2020

Item Type Journal Article
Title Mobile Robot Path Planning in Dynamic Environments through Globally Guided Reinforcement Learning
Author Wang, Binyu
Author Liu, Zhe
Author Li, Qingbiao
Author Prorok, Amanda
Abstract Path planning for mobile r...
Publication arXiv:2005.05420 [cs]
Volume
Issue
Pages
Date 2020-09-11 y m d
Series
Series Title
Series Text
Journal Abbr
Language



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Citation

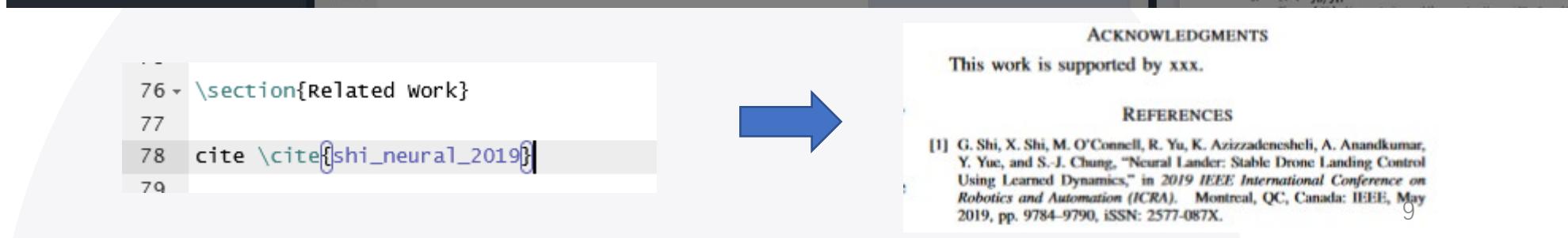
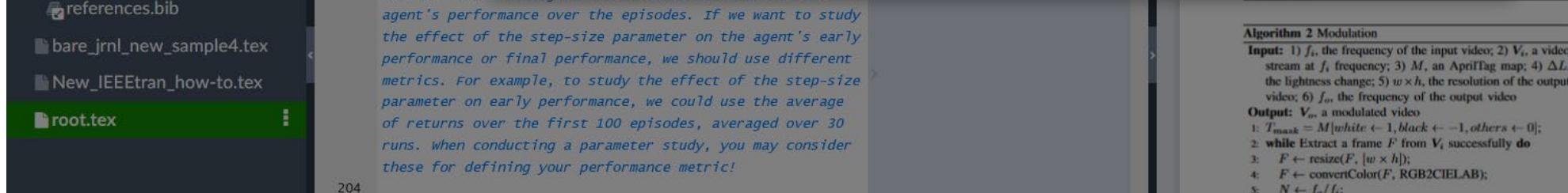
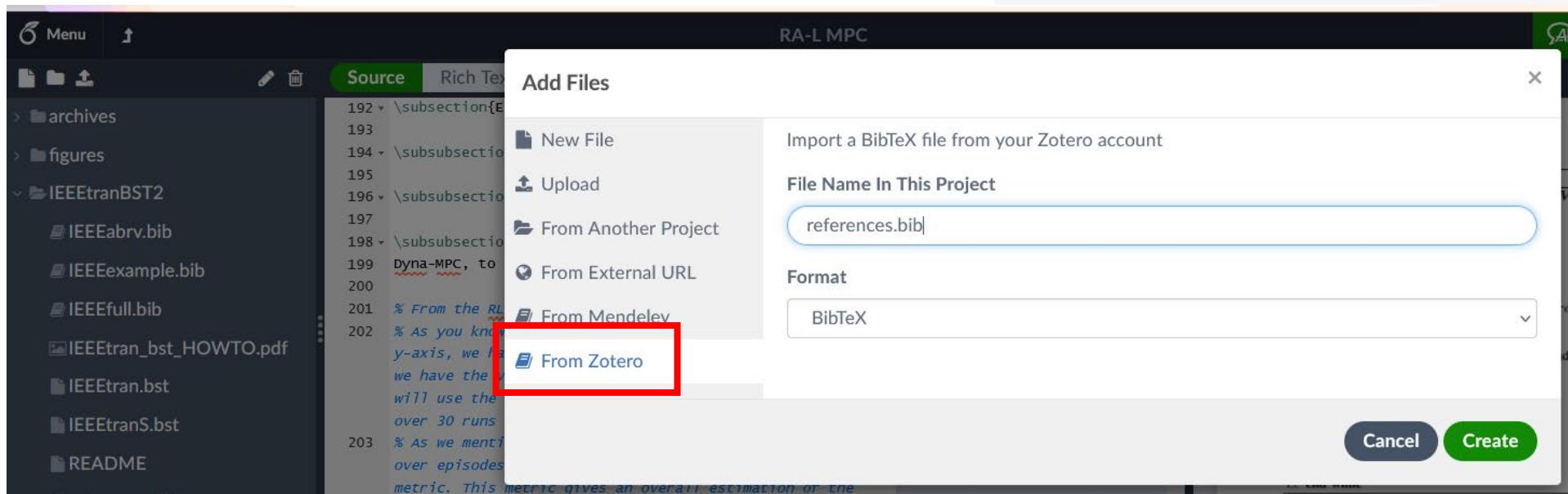


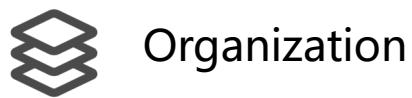
Plugins



Collaboration

/ Citation in LaTeX





/ Zotfile



ZotFile

Advanced PDF management for Zotero

- Manage your attachments: automatically rename, move, and attach PDFs (or other files) to Zotero items.

The screenshot shows two windows related to ZotFile. On the left is the 'ZotFile Preferences' dialog box, which has tabs for General Settings, Tablet Settings, Renaming Rules, and Advanced Settings. The General Settings tab is active, showing options for attaching new files from a source folder (set to 'Choose...') and moving files to a custom location (set to 'D:\ZoteroBackup'). There is also a checkbox for 'Use subfolder defined by /%y/%t'. Below these settings is a note about the ZotFile website and a donation link. At the bottom are 'OK' and 'Cancel' buttons. On the right is a Windows File Explorer window showing a list of PDF files in a folder named 'ZoteroBackup'. The files are listed under the 'Articles' category, with columns for Name, Status, Modify Date, Type, and Size. The files range from 2004 to 2022, with names like '2004GPS L5 and GALILEO', '2005Nonlinear signal pro...', '2006Analysis of the One...', etc.



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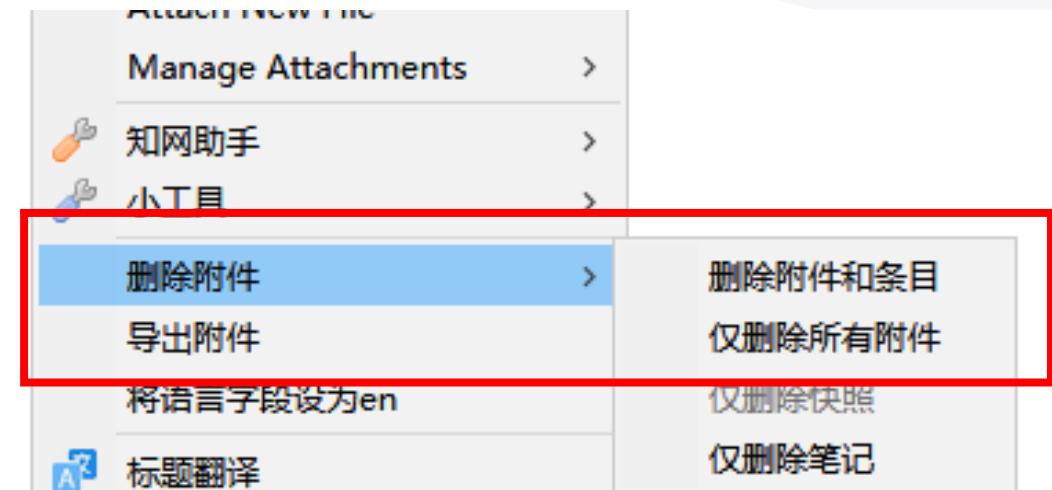
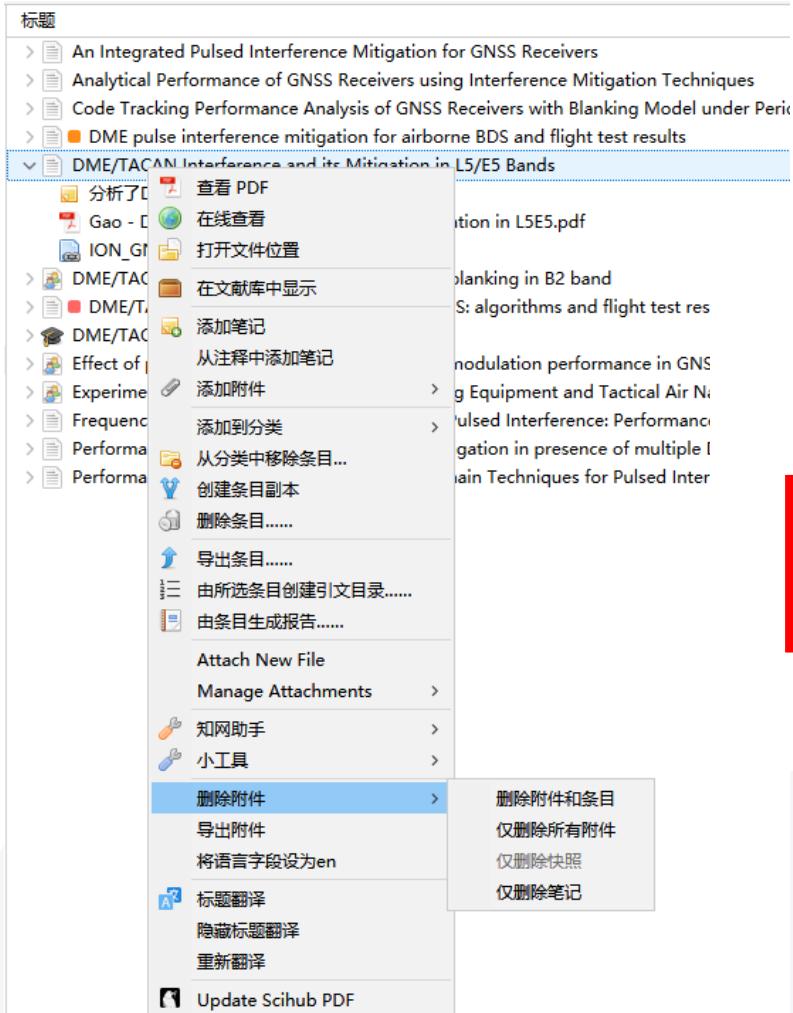
/ Delitem



Delitem

删除条目的同时删除附件

- Delete the item and all its attachments.





Organization

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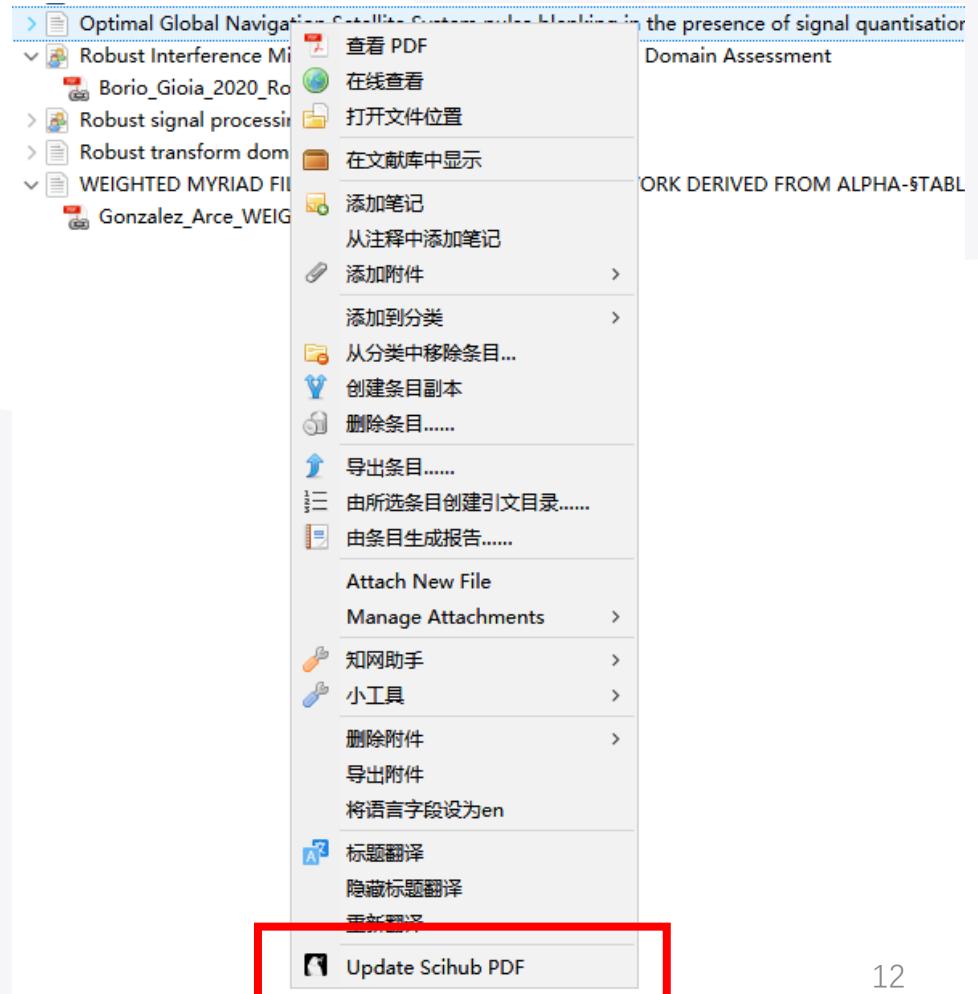
/ Zotero_scihub



Sci-Hub Plugin for Zotero

Download papers and books by DOI from Sci-Hub

- Directly download paper from Sci-Hub.
- Quick and convenient





zotero



Organization



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Citation



Plugins



Collaboration

Zotero_pdf_translate



Zotero PDF Translate

This is an add-on for [Zotero 6](<https://www.zotero.org/>).

- Translate the selected sentences into Chinese.

1 Introduction

When available, global navigation satellite system (GNSS) is the technology of choice for most position-related and precise synchronisation applications [1]. The reasons are due to its dedicated infrastructure, Earth coverage, medium-to-high accuracy and large market penetration. As a matter of fact [2], GNSS is extensively used around the globe, with 3.6 billion GNSS devices in use in 2014, out of which 3.08 billion are integrated into smartphones for location-based services, followed by 0.26 billion devices used for road applications in intelligent transportation systems. Additionally, there are many other services and businesses that rely on GNSS performance and reliability such as – in increasing market share – surveying, precise agriculture, maritime and aviation transportation.

Even very simple jamming devices can disrupt GNSS-based services in wide geographic areas. Although these jammers are relatively easy and cheap to build, unintentional interference events can occur. In addition, interference events can have motivated notable characterisation, detection, and mitigation efforts.



当可用时，全局导航卫星系统 (GNSS) 是大多数位置相关和精确同步应用的首选技术[1]。原因是其专用基础设施，地球覆盖率，中高准确性和大市场渗透率。事实上[2]，GNSS 广泛地在全球范围内使用，2014 年使用 36 亿 GNSS 器件，其中 30.8 亿亿元集成到智能手机中。

To counteract the effects of unintentional, a cancellation (IC) [5]. IC and (ii) estimating its waveform from a parameter, the interference term is then subtracted from the observations such as GNSS signals. The IC is used to remove the interference signal from the GNSS receiver. The IC is used to remove the interference signal from the GNSS receiver. The IC is used to remove the interference signal from the GNSS receiver.



Organization



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Citation



Plugins



Collaboration

/ Jasminum



Jasminum

一个简单的 Zotero 中文插件

- Obtain relevant information from CNKI.

The screenshot illustrates the Jasminum Zotero plugin interface. On the left, a context menu is open over a Zotero item titled "GNSS接收机独立欺骗探测与消除技术研究". The menu includes options like "在线查看", "浏览文件", and "添加笔记". A sub-menu under "小工具" contains "拆分姓名", "合并姓名", "去除文件名中逗号", and "设置默认语言". On the right, two tabs are shown: one for the original item and one for the "作者 涂家训" entry. Both tabs display the same citation details: title, author, contributor, and abstract. The abstract text is in Chinese, mentioning GNSS (Global Navigation satellite system) and its role in positioning and授时 (timekeeping). Red boxes highlight the "拆分姓名" option in the context menu and the "作者 涂家训" entry in both tabs.



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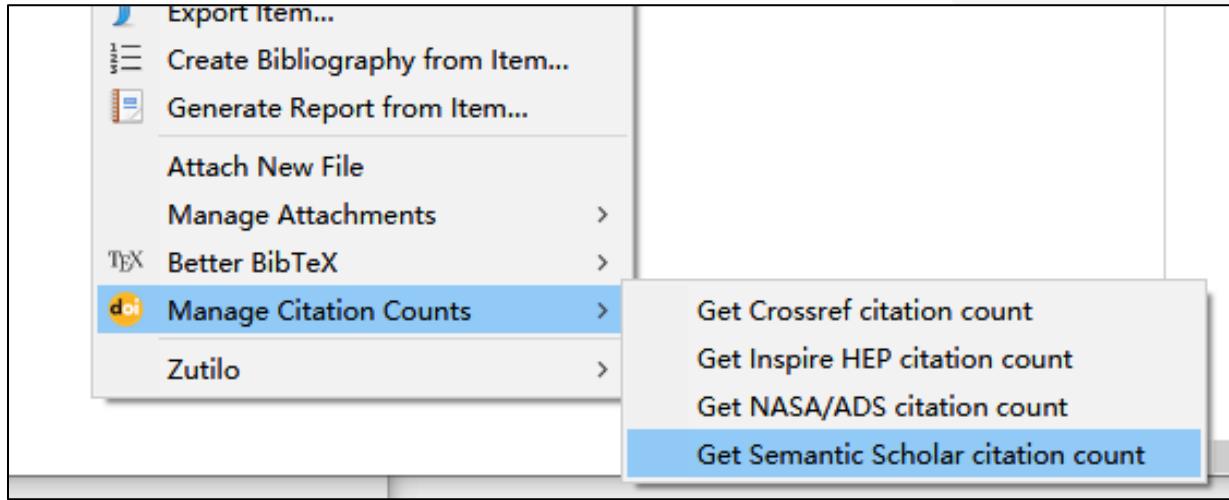
Plugins

Collaboration

Zotero Citation Counts Manager



Zotero Citation Counts Manager
Automatically fetch and update citation...



Extra 1307 citations (Semantic
Scholar/DOI) [2022-04-20]
929 citations (Crossref)
[2022-04-20]
ISSN: 1050-4729



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/ Summary

 Better BibTex for Zotero	Make Zotero useful for us LaTeX holdo...	More	Disable	Remove
 Zotero Citation Counts Manager	Automatically fetch and update citation...	More	Disable	Remove
 Zotero LibreOffice Integration	Integrates Zotero with LibreOffice	More	Disable	
 Zotero Word for Windows Integration	Integrates Zotero with Microsoft Word for Windows	More	Disable	
 ZotFile	Advanced PDF management for Zotero	More	Disable	Remove
 Zutilo Utility for Zotero	A utility adding assorted macros for Zo...	More	Disable	Remove
 Delitem (disabled)	Delete Item(s) with Attachment(s).	More	Enable	Remove
 Jasminum (disabled)	A simple Add-on to enhance Chinese u...	More	Enable	Remove
 Sci-Hub Plugin for Zotero (disabled)	Download papers and books by DOI fr...	More	Enable	Remove



/ Others

- <https://www.zotero.org/support/plugins>

The screenshot shows a web browser displaying the Zotero support page for plugins at <https://www.zotero.org/support/plugins>. The page has a header with the Zotero logo, navigation links for Home, Groups, Documentation, Forums, and Get Involved, and a search bar. The main content area is titled "Plugins for Zotero" and contains text about the active community developing plugins. It includes sections for "New Features and Enhancements" and "Item Metadata Import", listing various plugins like "Barcode scanner for iOS", "Zotero Citation Counts Manager", "Date Grabber", "Zotero DOI Manager", "Zotero Folder Import", "Google Scholar Citations for Zotero", and "Zotero MAS Metadata". A "Table of Contents" sidebar on the right lists categories such as Plugins for Zotero, New Features and Enhancements, Library Analysis/Visualization, Website Integration, Word Processor and Writing Integration, Developer Tools, Desktop and Other Program Integration, and Unmaintained.

https://www.zotero.org/support/plugins

zotero

Log In · Register

Upgrade Storage

Search documentation Search

start > [plugins](#)

Translations of this page: en fa

Plugins for Zotero

An active community of Zotero users has developed a variety of plugins to provide enhancements, new features, and interfaces with other programs.

To install a plugin in Zotero, download its `.xpi` file to your computer. Then, in Zotero, click "Tools → Add-Ons", then drag the `.xpi` for the plugin onto the Add-Ons window that opens.

Note: for apps and plugins for mobile devices, see [mobile](#).

New Features and Enhancements

Item Metadata Import

- [Barcode scanner for iOS](#), by Zotero.
 - Add physical books to Zotero by scanning their barcodes with your iPhone or iPad
- [Zotero Citation Counts Manager](#), by Erik Schnetter.
 - Look up citation counts from Crossref, Inspire HEP, NASA/ADS, and Semantic Scholar.
- [Date Grabber](#), by Emiliano Heyns.
 - Tries to set the date from the Last Modified header from the URL if the date is not set
- [Zotero DOI Manager](#), by Brenton M. Wiernik.
 - Look up DOI names from CrossRef automatically.
 - Automatically retrieve shortDOI names from <http://shortdoi.org> and replace them in the Zotero DOI field.
 - Check DOI validity and mark items with invalid DOIs.
 - Clean the DOI field (e.g., to remove `http://doi.org/`).
- [Zotero Folder Import](#), by Emiliano Heyns.
 - Plugin to import a folder of attachment files from your computer into a Zotero collection hierarchy.
 - Useful for transitioning to Zotero from a manual folder-based organization system.
- [Google Scholar Citations for Zotero](#), by Anton Beloglazov, currently maintained by Max Kuehn.
 - Add Google Scholar citation counts to items in your Zotero library.
- [Zotero MAS Metadata](#), by TobiHol.

Table of Contents

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 - SPIP
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 - BibBase
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 - General
- Word Processor and Writing Integration
- Developer Tools
- Desktop and Other Program Integration
- Unmaintained

plugins.txt · Last modified: 2022/03/23 20:05 by christybyrd

Organization

Notes

Citation

Plugins

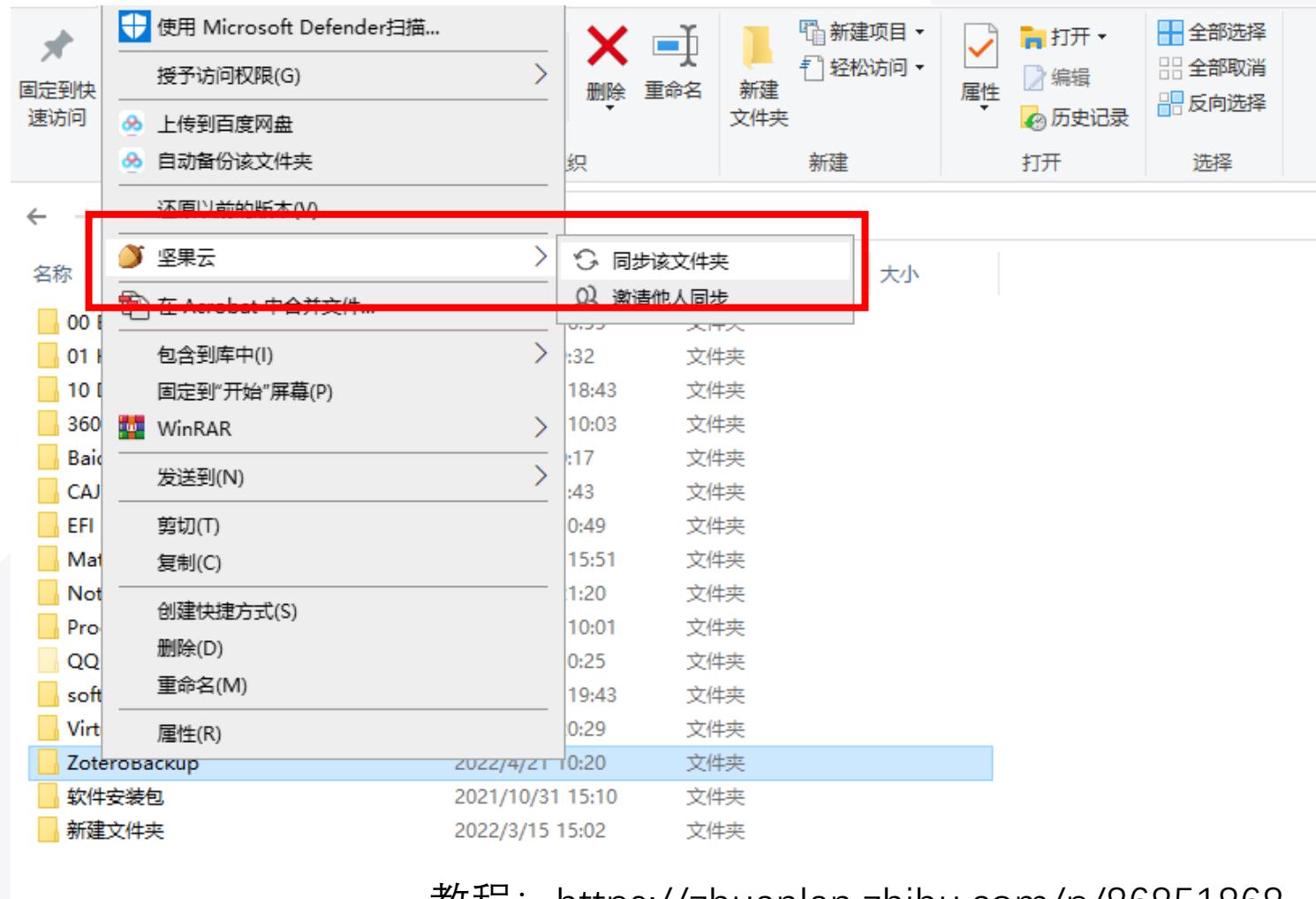
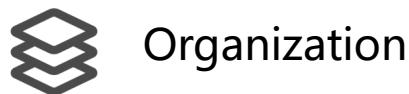
Collaboration



/ Syncing



- Use Zotero on multiple computers with Zotero syncing.





Organization



Notes



Citation



Plugins



Collaboration

/ Groups

- Share group libraries to collaboratively manage research sources and materials, publicly or privately.

The screenshot shows the Zotero application window. At the top, there's a navigation bar with the Zotero logo, a search bar, and tabs for "Groups" (which is highlighted with a red box), "Documentation", and other menu items like "File", "Edit", "View", "Tools", and "Help". Below the navigation bar is a sidebar with sections for "My Library" (including "干扰&兼容性" and "建模方法参考"), "Group Libraries" (with a sub-section for "BUAA_TEST" containing "Nature", "Duplicate Items", "Unfiled Items", and "Trash"), and a "Search for Groups" field. A "Create a New Group" button is also visible. The main content area features a heading "What can groups" and a sub-section "With groups, you can collaborate and so much more." which includes a bullet point "Share your own work". On the right side of the main content area, there's another sidebar titled "群组文库" (Group Library) with sections for "CNS_Research" (containing "重复条目", "未分类条目", and "回收站").

ADVANCED TOPIC OF



zotero

李谨杰

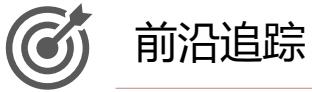
2022年4月29日

/ 如何分类

- 遇到问题：混乱的分类增加查找难度



文献分类



前沿追踪



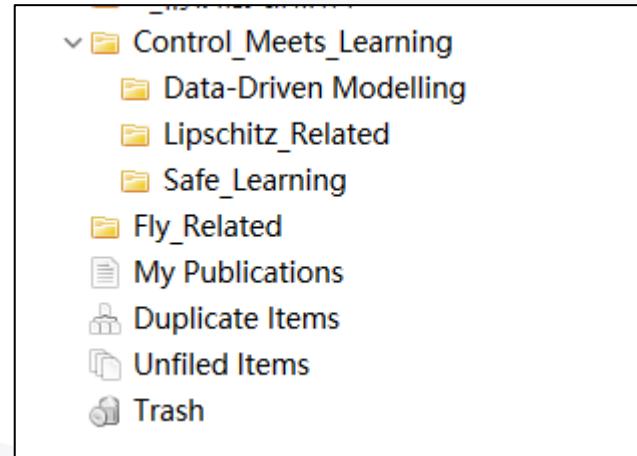
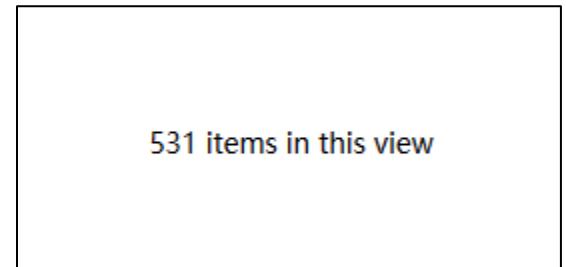
标签状态



为何用纸



只有两点



- 方案一：按项目分。如毕业设计。
- 方案二：按对象分。如四旋翼、固定翼等。
- 方案三：按问题分。如Sensing, Planning等。
- 方案四：按方法分。Deep Learning, Consensus等。

/ 思考过程

- 目的：文献的组织架构应该有助于建立整个知识体系及跨学科思考。
- 科研的正确方向：寻找一个好的问题



文献分类



前沿追踪



标签状态



为何用纸



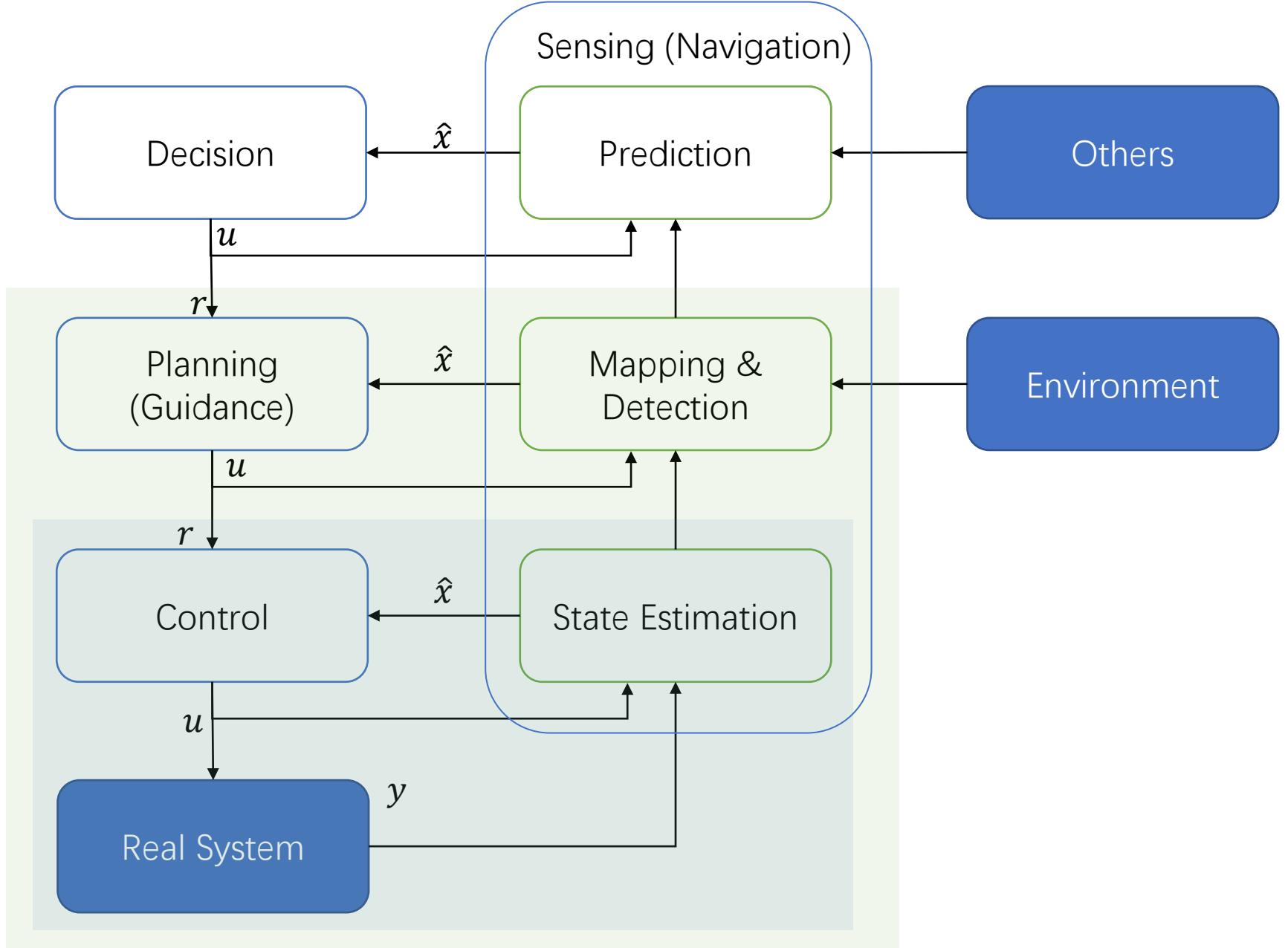
只有两点

分类标准	优点	缺点	跨学科程度	优先级
项目	高效	长期无积累，对构建知识体系无帮助	较高	1
对象	便于深耕某个对象	不利于进行不同对象间的方法借鉴	低	3
问题	便于构建知识体系	不容易针对一个理论建立分支	高	1 (最高)
方法	便于对一种理论内部的分支有所了解	容易拿着锤子找钉子	低	2

JGCD也说制导一般
不要求稳定性证明了

引入环境变量难以构
造封闭系统，是难以
应用Lyapunov的原因！

Lyapunov的适用范畴？





文献分类



前沿追踪



标签状态



为何用纸



只有两点

/ 最终结果

My Library

- 0a_NN_MPC
- 0b_IPT
- 0c_Falcon

- 1_Full_Stack
- 1a_Sensing
 - a_Prediction_&_Detection
 - b_Mapping
 - c_SLAM
 - d_Localization
 - e_Fusion_Filter
 - f_Event_Camera
- 1b_Decision
- 1c_Planning
 - a_Path_Planning
 - b_Traj_Generation
 - c_Traj_Planning
 - d_Guidance
- 1d_Control
 - a_Trajectory_Tracking
 - b_Path_Following
 - c_Formation_Flocking
 - d_Dynamic_Obstacle_Avoidance
 - z_Others
- 1e_Modelling
 - a_Aero_Classical
 - b_Aero_Deep_Learning
 - z_Others
- 1f_Structure
- 1g_Sim_&_Tools
- 1h_Evaluation

- 2_Bioinspired
- 2_MPC
 - Learning_MPC
 - MPC_Tools
 - Robust_MPC
 - Standard_MPC
 - Swarm_MPC
- 2_Pattern_Recognition
 - a_General
 - b_CV
 - c_NLP
 - d_GNN
 - e_DRL
 - f_XAI
- 2_RL
 - RL_AERO
 - RL_Algorithms

Terence Tao
数学思维大师课
中英字幕
43.9万 1.7万 01:33:44

【大师课】[中英字幕]数学天才
陶哲轩 Terence Tao 不再恐惧...
WOW大师课 · 3-14



/ 如何跟踪前沿

• 1. Feed



文献分类



前沿追踪



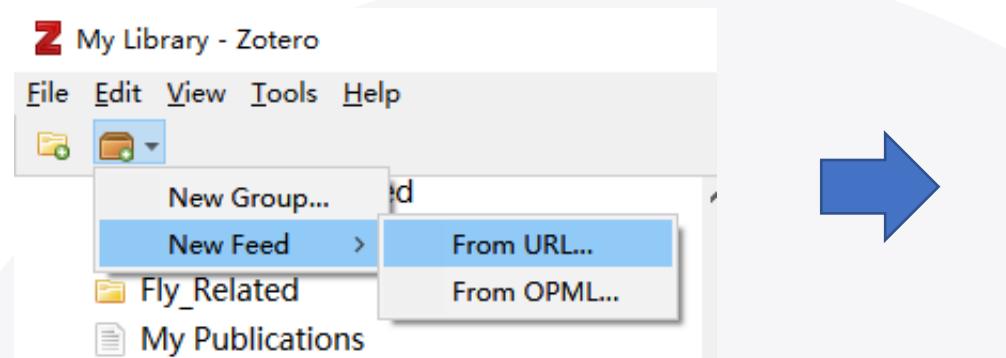
标签状态



为何用纸



只有两点



Browse Journals & Magazines > IEEE Transactions on Robotics ?

IEEE Transactions on Robotics

Submit Manuscript

Add Title To My Alerts

Add to My Favorites



Home

Popular

Early Access

Current Issue

All Issues

About Journal

5.567

Impact Factor

0.01342

Eigenfactor

2.224

Article Influence Score

16.6

CiteScore

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?

Feeds

- AAAS: Science Robotics: Table of C...
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- Nature Machine Intelligence
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- 阮一峰的网络日志

(现场示范)



/ 如何跟踪前沿

• 2. Google Scholar Alerts



文献分类



前沿追踪



标签状态



为何用纸



只有两点



Vijay Kumar

Professor of Mechanical Engineering and Applied Mechanics, [University of Pennsylvania](#)

Verified email at seas.upenn.edu - [Homepage](#)

Robotics

FOLLOWING

≡ Google Scholar

◆ Alerts

Alerts for lijinjie362@gmail.com

Vijay Kumar - new articles

Mark W. Mueller - new articles

Hongkai Dai - new articles

Helen Oleynikova - new articles

Jonathan P. How - new articles

Sebastian Scherer - new articles

Rose Yu - new articles

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Fei Gao - new articles

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Yisong Yue - new articles

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Nicholas Roy - new articles

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Guido de Croon - new articles

Pakpong Chirarattananon - new articles

Roland Siegwart - new articles

Sikang Liu - new articles

Alcherio Martinoli - new articles

Guanya Shi - new articles

Jemin Hwangbo - new articles

Ming Liu - new articles

Shaojie Shen - new articles

All results [CANCEL](#)

26 All results [CANCEL](#)



文献分类



前沿追踪



标签状态



为何用纸



只有两点

/ 如何搜索文献

• 3. Connected Papers

<https://www.connectedpapers.com>





/ 如何跟踪前沿

- 4. 公众号



文献分类



前沿追踪



标签状态



为何用纸



只有两点

量子位、机器之心、机器人大讲堂等等，群内分享

要保存到Zotero中，才算OK

/ 一篇文献的奇幻漂流

- 打标签：一种与Collection不同的分类方式

优点：灵活；缺点：无法构建知识体系

1. 收入一篇文献 → **Abstract Unread**
2. 若读完摘要，简要记录，无标签
3. 若全文读完，详细记录 → **Intensive Reading**
4. 若复现过或论文中使用过 → **Used or Reproduced**

平行标签：

Top, Nature, Science, PNAS, SRobotics, IJRR, ...

Abstract Unread Valuable

Intensive Reading Used or Reproduced

Tutorials and Surveys \$H_infty\$ filters

 文献分类

 前沿追踪

 标签状态

 为何用纸

 只有两点



zotero



文献分类



前沿追踪



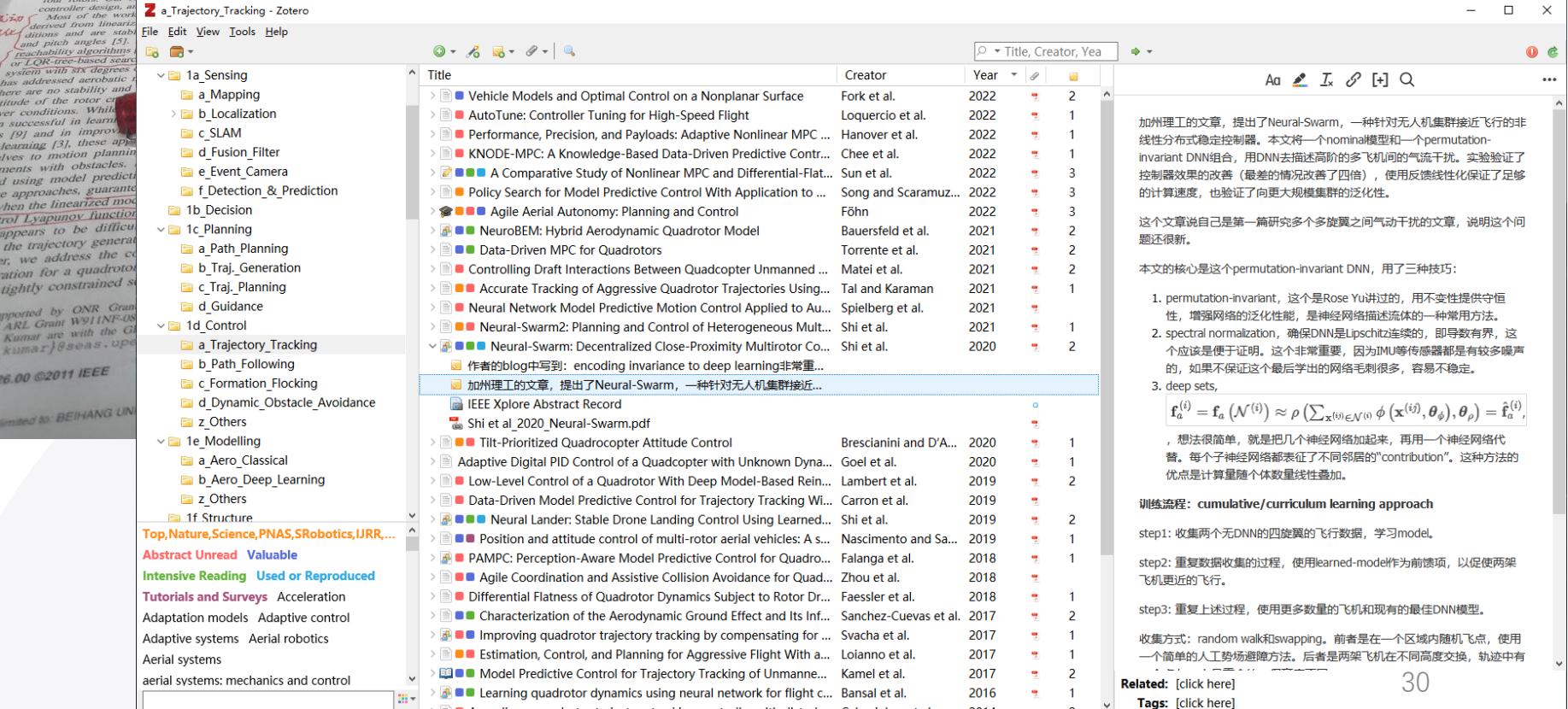
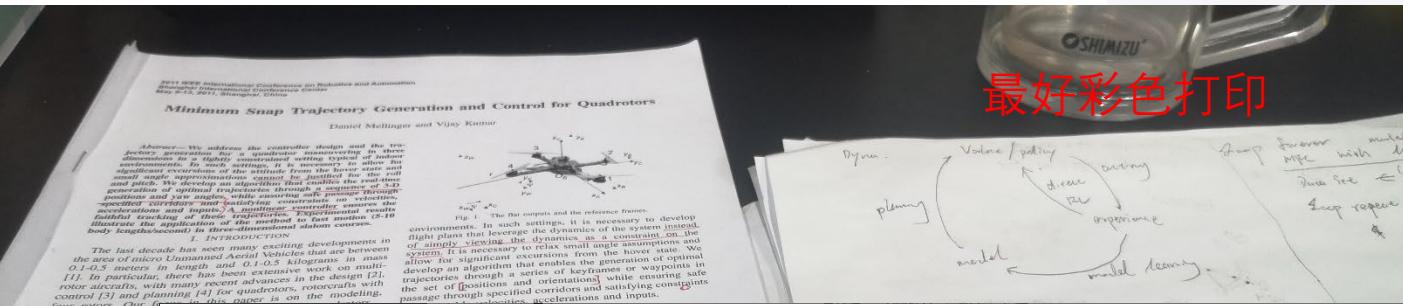
标签状态



为何用纸



只有两点





文献分类



前沿追踪



标签状态



为何用纸

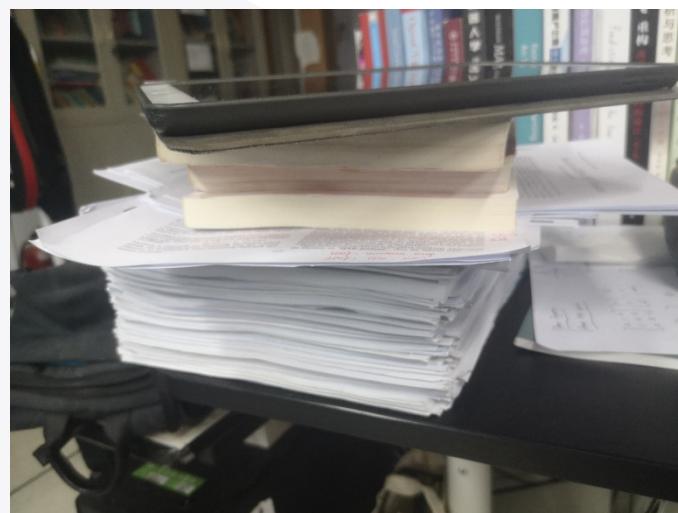


只有两点

/ 为什么我不用Notability和MarginNote3读文献

*Notability*和*MarginNote3*的优势：详细的、可存储的笔记，直接画思维导图

- 阅读中的详细过程是否需要保留？
- 自然而又强迫的总结过程（Summary Writing）
- PPT作图：一举两得
- 仪式感、巴甫洛夫的狗

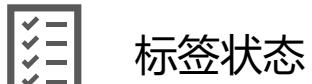




文献分类



前沿追踪



标签状态



为何用纸



只有两点

/ 升华一下

- 1. 复利
- 2. 主动熵减

$$1.01^{365} = (1 + 0.01)^{365} = 37.7834$$

$$1.01^{730} = (1 + 0.01)^{730} = 1427.5879$$

<https://finance.ifeng.com/c/7pkS4CsBkFU>

<https://zhuanlan.zhihu.com/p/72896309>

生命以负熵为生。

——薛定谔《生命是什么》

解决方案：开放系统+引入外力

THANKS

— 李谨杰 —

2022年4月29日