Library Orientation – ENGR 200W

Engineering Librarian:
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Library Online Resources

- SJSU King Library website (http://library.sjsu.edu/)
- Research Guides (http://libguides.sjsu.edu)
- CSU+ and Interlibrary Services (http://library.sjsu.edu/services/csu-interlibrary-loan-and-other-resources)
- Journal selection (Journal Search through OneSearch, Ulrich’s Periodicals Directory through Article and Databases)
- Articles and Databases
- Citations/Bibliography (RefWorks)
SJSU King Library Homepage url => library.sjsu.edu
Access the Library from Off Campus

You'll need to log in to OneSearch using your Tower ID to access all of the resources available.

When you click Sign In in the upper right corner of the OneSearch screen, you will see a screen that looks like this:

Select Student and employee login, and you will then see this screen. You will log in using your Tower ID number and your SJSUOne password.
CSU+, Interlibrary Loan, and Other Resources

Or, How To Get Books and Articles From Other Libraries

CSU+ is a new resource-sharing system that allows students, faculty, and staff to request books from any of the 23 California State University libraries and have them delivered to their home campus within 2-5 days. CSU+ replaces the current Link+ system.

ILLiad

Interlibrary Loan allows you to borrow books, articles, dissertations, and more from libraries worldwide.

Go directly to ILLiad

WorldCat

In WorldCat, you can search the collections of nearly 17,000 libraries worldwide to find a library that has the item you're looking for.

Link+

You can borrow items through Link+ that are not available at the San José Public Library (SJPL) using your SJPL card.

Go directly to Link+

Other Local & California Libraries

Check out what other Bay Area and California State University libraries have to offer. Select a library's website to find a phone number to call for assistance or search the library's catalog yourself.
Home Page – OneSearch & Research Guides

[Image of the SJSU library website with highlighted sections: OneSearch, Articles, Journals, Course Reserves, Google Scholar, Advanced Search, RESEARCH GUIDES, Subject Guides, Course Guides, Today's Hours, Library Events]
Research Guides = libguides.sjsu.edu
Subject or Course

Showing 83 Subjects
- Accounting & Finance
- Aerospace Engineering
- African American Studies
- Anthropology
- Art & Art History
- Asian American Studies
- Aviation & Technology
- Biological Sciences
- Biomedical Engineering

Industrial & Systems Engineering
- Advanced Google
- College of Engineering
- Database Search Strategies and More
- Engineering 100W
- Engineering 200W
- Industrial & Systems Engineering
- Reading a Technical Paper

Subject Homepage:
https://libguides.sjsu.edu/sb.php?subject_id=47541
Subject Experts: Linda Crotty

A-Z Database List
Full list of Databases the library subscribes to, including trial access.

Chat with a Librarian
Chat service is only available for SJSU affiliates. Authentication is required.

Search FAQs
For more options, see our Ask A Librarian page.
Find Articles & Databases

Engineering 200W
A guide to library resources for Engineering 200W students

Find Articles / Databases

- Engineering & Technology Databases
- Engineering Subject Databases
- Google Scholar
- Can't Get an Article?

Connect to SJSU databases
Interlibrary Loan

Welcome

Find Articles / Databases
Find Articles / Databases

Journals & Article Types
Reading a Technical Paper
Advanced Google
Find Books - OneSearch
Research & Writing Aids
Citing & RefWorks
Library Accounts Help

[Links and resources]

- Engineering Village
- IEEE Xplore
- ScienceDirect
- Web of Science (and InCites ESI & JCR)
- ACM Digital Library
- SpringerLink
- ASTM Standards & Engineering Digital Library

[Descriptions of databases and resources]

[Other relevant information]

Find Articles & Databases
Citing & RefWorks

Industrial & Systems Engineering

Citation Styles (APA, MLA, Chicago, IEEE), Plagiarism, DOI

- Citation Styles
  Why Cite? How to use APA, MLA, and Chicago Turabian? Style manuals and other writing resources.

RefWorks

What is RefWorks?
RefWorks is a web-based personal bibliographic software manager used to create citations for different manuals such as MLA, APA, Chicago, etc.

Who Can Use RefWorks?
All current students, faculty, and staff at the San Jose State University can use RefWorks.

How to Access RefWorks?
- New RefWorks Login
  Login to RefWorks website
- Introduction to New RefWorks (Information and Tutorials)
  HOW TO MAKE THE MOST OF REFWORKS! Youtube tutorials from basics through advanced (in-text citations) (20 minutes)
- New RefWorks Help (User Support)
  Answers to questions about New RefWorks.
1) Select Menu

2) Settings for library link and RefWorks
Scholar Settings

Show library access links for (choose up to five libraries):

- San Jose State University - SJSU GetText
- Open WorldCat - Library Search

Online access to library subscriptions is usually restricted to patrons of that library. You may need to login with your library password, use a campus computer, or configure your browser to use a library proxy. Please visit your library's website or ask a local librarian for assistance.

To retain settings, you must turn on cookies
Analysis of vehicle positioning accuracy requirements for communication-based cooperative collision warning
SE Shladover, SK Tan - Journal of Intelligent Transportation Systems, ... 2006 - Taylor & Francis
This article describes an analysis of the use of vehicle positioning and wireless communication technologies to implement collision warning systems without using direct ranging sensors. If the positions and velocities of the vehicles can be known to sufficient accuracy, the position and velocity of an object in the environment can be determined.

Kalman filter-based integration of DGPS and vehicle sensors for localization
S Rezaei, R Sengupta - IEEE Transactions on Control Systems Technology, ... 2007 - IEEEExplore.IEEE.org
... We analyzed the performance of the filter using about 60 km of experimental tests carried out in environments ... 3] SE Shladover and S-K. Tan, “Analysis of vehicle ... KA Redmill, T. Ktijima, and U. Oezguer, “DGPS/INS integrated positioning for control of automated vehicle,” in Proc.

Positioning GSM telephones
C Drane, M MacNaughton - IEEE Communications Magazine, ... 1998 - IEEEExplore.IEEE.org
... their accuracy, and we review the results we have achieved and our ongoing ... available for calls made from fixed phones, will ensure that the emergency vehicle is dispatched ... services such as providing information to travelers, more effective dispatch of vehicles in fleets ...

Relative positioning enhancement in VANETs: A tight integration approach
N Alam, AT Balea, AG Dempster - IEEE Transactions on ... 2013 - IEEEExplore.IEEE.org
... To analyze and compare the performances of the adopted solution approach and DGPS, the Cramer-Rao Lower Bound ... We expect experimental results to comply with CRLB analysis ... solution to vehicle I by differencing its DGPS-based absolute position and that of vehicle I. Thus ...

Next-generation automated vehicle location systems: Positioning at the lane level
J Du, MJ Barth - IEEE Transactions on Intelligent Transportation Systems, ... 2008 - IEEEExplore.IEEE.org
... and lane parameter for each rover into a database for a subsequent analysis, and 4 ... 5 roadway network data is to use probe vehicles equipped with carrier-phase DGPS traveling down ... Multiple vehicle trajectories in each lane will produce multiple refinements of the centerline...

Towards high accuracy road maps generation from massive GPS traces data
T Guo, K Iwamura, M Koga - Geoscience and Remote Sensing, ... 2007 - IEEEExplore.IEEE.org
... I. INTRODUCTION Recent development of the Intelligent Transportation Systems (ITS) in automobile industry has ... scene and this imposes a very tough problem for the image analysis ... analysis systems to ... method exploits the very unique data source which is the in-vehicle GPS traces ...

Land-vehicle navigation using GPS
E Abbott, D Powell - Proceedings of the IEEE, ... 1999 - IEEEExplore.IEEE.org
... Finally, the results of the analysis... in odometer measurements, and empirical data is presented in [31], but no formal analyses are presented ... This may have significant impact on land-vehicle navigation system design because the improved positioning ...

Investigation of vehicles as probes using global positioning system and cellular phone tracking field operational tests

Dissertations & Theses

Databases for Dissertations & Theses

- **Dissertations and Theses**
  Also known as Proquest Dissertations and Theses. Primary database for doctoral dissertations and master's theses. Includes references for materials from 1861 to those accepted as recently as last semester. Help Guide available.

- **ScholarWorks**
  SJSU ScholarWorks is a digital repository of the research, scholarship, and creative works of San José State University faculty, students, and staff. The repository increases the global visibility of our campus community's intellectual output.
Welcome to LibChat!
Name (blank-anonymous)
Start Chat

Contact Your Subject Librarian
For expert assistance on a particular subject, contact one of the library's subject specialists or visit one of our Research Guides.

A Frequently Asked Questions
Quick Answers is the library's collection of frequently asked questions. Can't find the answer to your question? Submit your question through the Quick Answers e-mail form.

Start Your Research
This step-by-step guide will show you how and where to find the information you need.

Visit Us in Person
Get help at the 2nd Floor Reference Desk during reference desk hours.

Call Us
Monday through Saturday: Call 408-808-2100 during our open hours for immediate assistance.
Sunday: Call 408-808-2000 for account questions. To consult with a librarian, please come to the Circulation Desk on the 1st Floor of the library.