

compositional verification of concurrent pdf

I am an associate professor in Division of Software and Information Systems (SIS), School of Computer Science and Engineering, Nanyang Technological University. My current research interests are related to Formal Methods, Security, Software Engineering and Multi-Agent systems.

LIU Yang's home page at NTU

In computer science, specifically software engineering and hardware engineering, formal methods are a particular kind of mathematically based technique for the specification, development and verification of software and hardware systems. The use of formal methods for software and hardware design is motivated by the expectation that, as in other engineering disciplines, performing appropriate ...

Formal methods - Wikipedia

In computer science, denotational semantics (initially known as mathematical semantics or Scott's "Strachey semantics") is an approach of formalizing the meanings of programming languages by constructing mathematical objects (called denotations) that describe the meanings of expressions from the languages. Other approaches provide formal semantics of programming languages including axiomatic ...

Denotational semantics - Wikipedia

ABSTRACT. We present Typpete, a sound type inferencer that automatically infers Python 3 type annotations. Typpete encodes type constraints as a MaxSMT problem and uses a system of optional constraints and specific quantifier instantiation patterns to make the constraint solving process efficient.

PROGRAM FOR MONDAY, JULY 16TH - easychair.org

Oral 3D computer vision Elastic Fragments for Dense Scene Reconstruction (project, PDF) Qian-Yi Zhou* (Stanford University), Stephen Miller (Stanford University), Vladlen Koltun (Stanford University)

ICCV 2013 papers on the web - Computer Vision Resource

Title Authors Published Abstract Publication Details; Easy Email Encryption with Easy Key Management John S. Koh, Steven M. Bellovin, Jason Nieh

Technical Reports | Department of Computer Science

Metric spaces for program improvement (pdf, bibtex) . Jennifer Hackett and Graham Hutton. In preparation, 2018. Improvement theory is an approach to reasoning about program efficiency that allows inequational proofs of improvement to be written in a similar manner to equational proofs of correctness.

Graham Hutton: Publications

Vol.7, No.3, May, 2004. Mathematical and Natural Sciences. Study on Bilinear Scheme and Application to Three-dimensional Convective Equation (Itaru Hataue and Yosuke Matsuda)

Contents

Recommended Prep: ACCT 20 or BCIS 85 and Reading Level IV; English Level III; Math Level III or MATH 217 or concurrent enrollment Transfer Status: CSU/UC 68 hours Lecture. This is the study of accounting as an information system, examining why it is important and how it is used by investors, creditors, and others to make decisions.

Academic Programs - Courses - Butte College

Engineering seeks to create new processes, products, methods, materials, or systems that impact and are beneficial to our society. To enable its graduates to lead the advancement of technology, the Case School of Engineering offers fourteen degree programs at the undergraduate level (twelve engineering degrees, plus the BS in computer science and the BS in data science and analytics).

Case School of Engineering < Case Western Reserve University

To view all courses (opens new window) AUTOMOTIVE TECHNOLOGY G101 – 3 Units Course Outline (opens new window) Introduction to Automotive Technology This course is designed to teach the student about the operation and maintenance of modern automobiles.

courses a-to-z-index - Golden West College

A3: Accurate, Adaptable, and Accessible Error Metrics for Predictive Models: abbyyR: Access to Abbyy Optical Character Recognition (OCR) API: abc: Tools for ...

CRAN Packages By Name - UCLA

The Public Inspection page on FederalRegister.gov offers a preview of documents scheduled to appear in the next day's Federal Register issue. The Public Inspection page may also include documents scheduled for later issues, at the request of the issuing agency.

Federal Register :: Oil and Natural Gas Sector: Emission

VID *KEYB* You're interested in Big Data software systems and technology, clearly, or you wouldn't be reading this. But if you're more interested in harnessing those tools to achieve specific business objectives, this course is for you.

Concordia Continuing Education

We are a family-owned, professional, cleaning services company servicing the NJ area. We have the equipment and staff to handle your house and office cleaning needs.

[Still More Songs of the 1950;s: E-Z Play Today Volume 389 - Stroke SASSY!: Stroke, Alcohol, Sex, Smoking & You! \(Stroke Normal Book 2\) - Stub Entries to Indents Issued in Payment of Claims Against South Carolina Growing Out of the Revolution, Book X, Part II - Sommelier... ma non troppo. Ad ogni cibo il suo vino. Gli abbinamenti di Vinocult](#)[How to buy old classic cars the right way. The complete guide for first time vintage cars buyers and seasoned pros.](#)[Vintage Racing British Sports Cars: A Hands-On Guide to Buying, Tuning, and Racing Your Vintage Sports Car - Studies In Scripture And Its Authority - Soso Antiquity Culture and Civilization: Wakara - Space Engineer and Scientist Margaret Hamilton \(STEM Trailblazer Bios\) -](#)[Telomere Effect Cookbook: 50 Meals To Reverse The Years-Keep The Ageing Process In Check - Studying Early India: Archaeology, Texts, and Historical Issues - Special Events: Event Leadership for a New World, 4th Edition: Event Leadership for a New World - The Adventures of Penny & Tubs: The City on the Sea -](#)[Strasse in Baden-Wurttemberg: Ausserortsstrasse in Baden-Wurttemberg, Ferienstrasse in Baden-Wurttemberg, Innerortsstrasse in Baden-Wurttemberg - Tempest \(Warriors of the Wind, #1\) -](#)[Textbook Problem Pack, Managerial Accounting: Tools for Business Decision Making, 6e](#)[Exam Prep for Financial and Managerial Accounting by Warren & Reeve, 9th Ed - Star Wars Fanon - Fanwork Segments: Aftermath, C8-42 Bi-P1-C1, C8-42 Bi-P1-C2, C8-42 Bi-P1-C3, C8-42 Bi-P1-C4, C8-42 Bi-P1-C5, C8-42 Bi-P1-P, C8-43 Bi-P1-C6, Dawn of the Fellowship, Dreams Chapter 1, Dreams Chapter 2](#)[Aftermath!: Technology! - Soul Selecta - Star Wars: Choose Your Destiny \(Book 1\) A Han & Chewie Adventure -](#)[Stupid People Are Smarter Than You Think!: The Ultimate Book for Reading in the Bathroom!](#)[Smarter: The New Science of Building Brain Power - Starting Over \(1Night Stand, #28\) - The Art Student's Workbook -](#)[Teacher Edition: A Classroom Companion for Painting, Drawing, and Sculpture - Songs Of Wall Street: An Anthology Of Verse For Literary Investors - The Apology of Origen in Reply to Celsus: A Chapter in the History of Apologetics - The 2007 Report on Railroad Transportation Services: World Market Segmentation by City - Study Guide for Williams Obstetrics - Speak Your Way To Success: A Guide To Effective Speaking In Business And The Professions - Strictly Confidential Attraction & Taking Care of Business - Ten Proverbs Singles Should Know Before Marriage: The Real Truth about Singleness and Marriage and What the Church Will Not Tell You - Taken by the Darkness -](#)[T cnicas B licas Del Mundo Antiguo - The American Republic to 1877 - \(Glencoe\) Teacher Wraparound Edition](#)[How to Teach Guided Reading Like a Boss: Learn How to Transform Guided Reading in Under an Hour - The 5 Reasons You Have Struggled In Network Marketing \(Success In MLM\) - Strategic Public Relations Management - Taoteching With Selected Commentaries of the Past 2000 Years](#)[Tao Teh Ching - The Art of Seamanship: How to Cope with Any Situation Under Any Conditions, Inshore or Offshore, Sail or Power - Study Abroad: The Book of Jobe -](#)[Tensile Fracturing in Rocks: Tectonofractographic and Electromagnetic Radiation Methods - Textbook for Management Accounting -](#)