



## EXPIRENCE

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- May 2002- Mar 2003** **Teacher Assistant**, Department of Mathematics, Faculty of Sciences, Chulalongkorn University  
Courses: Introduction to computer programming
- June 2004 - Oct 2004** **Lecturer**, Department of Applied Mathematics, Faculty of Applied Sciences, King Mongkut's Institute of Technology North Bangkok  
Courses: Ordinary differential equation
- May 2005 - Sep 2005** **Teacher Assistant**, Department of Mathematics, Faculty of Sciences, Chulalongkorn University  
Courses: Theory of computation
- Feb 2007 - Feb 2008** **Visiting Researcher**, the Laboratoire Hubert Curien at Jean Monnet University in Saint-Etienne, France.  
Topic: Grammatical Inference of k-acceptable languages
- June 2008 - Oct 2008** **Lecturer**, Department of Applied Mathematics, Faculty of Applied Sciences, King Mongkut's Institute of Technology North Bangkok  
Courses: Computer Programming for Mathematics II  
Discrete Mathematics  
Discrete Mathematics and Applications
- Nov 2008 - Present** **Lecturer**, Department of Applied Mathematics, Faculty of Applied Sciences, King Mongkut's Institute of Technology North Bangkok  
Courses: Mathematics I  
General Mathematics  
Engineering Mathematics III  
Computer Programming for Mathematics  
Introduction to Symbolic Computation  
Data Structures and Algorithms  
Discrete Mathematics and Applications  
Mathematical for Analysis of Computer Algorithms  
Theory of Computation  
Fuzzy logic

- Anuchit Jitpattanakul, Suchada Siripant and Chidchanok Lursinsap, "Modeling of soybean growth based on water stress effect", International workshop on functional-structural plant models(FSPM2004), Montpellier, France, June 7-11, 2004.
- Anuchit Jitpattanakul, Suchada Siripant and Chidchanok Lursinsap, "The novel algorithm for structural leaf model", Annual national symposium on computational science and engineering (ANSCSE2004), Nakhon Ratchasima, Thailand, July 21-23, 2004.
- Anuchit Jitpattanakul and Athasit Surarerks, "Vector Quantization on Discrete Fourier Transform Domain", Joint conference on computer science and software engineering(JCSSE2005), Chonburi, Thailand, November 17-18, 2005.
- Anuchit Jitpattanakul and Athasit Surarerks, "Vector Quantization on Transformed Domains", Annual national symposium on computational science and engineering (ANSCSE2006), Chiangmai, Thailand, March 22-24, 2006.
  
- A. Jitpattanakul, and A. Surarerks, "An algorithm for learning  $k$ -DFA from informant", Proceeding of the 13<sup>th</sup> International Annual Symposium on Computational Science and Engineering, pp. 31-36, 2009.
  
- A. Jitpattanakul, and A. Surarerks, "Characteristic Sets for Learning  $k$ -Acceptable Languages", In Proceeding of The 7th Annual International Conference on Electrical Engineering/Electronics, Computer, Telecommunications and Information Technology (ECTI), Chiang Mai, Thailand, May 19-21 2010.
  
- A. Jitpattanakul, and A., Surarerks, "Characteristic Sets for Learning  $k$ -Acceptable Languages ". ECTI Transactions on Computer and Information Technology, Vol.5, No.1 May, 2011, pp 38-44.
  
- A. Jitpattanakul, and A. Surarerks, "The study of learnability of the class of  $k$ -acceptable languages on Gold's learning model". Chiang Mai Journal of Science, Vol. 40(2) 2013, pp. 248-260.
  
- A. Jitpattanakul, "Learnability of the class of strictly  $k$ -acceptable languages". Far East Journal of Mathematical Sciences, Vol. 71(1), 2012, pp. 169-184.
  
- A. Jitpattanakul and C. Pukdeboon, "Optimal Attitude Control for Rigid Spacecraft using Successive Approximation Approach", Far East Journal of Mathematical Sciences, Vol. 74(1), 2013, pp.37-52

- C. Pukdeboon and A. Jitpattanakul, "Finite-Time Anti-Disturbance Inverse Optimal Attitude Tracking Control of Flexible Spacecraft", Mathematical Problems in Engineering, Article Numbers: 967574, 2013.

- A. Jitpattanakul, " Closure properties of the classes of languages recognized by k-edge finite state automata". Journal of Information and Communication Technology University of Prayao. 2014.

## SKILLS

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**Operating Systems:** Windows 8, Windows 7, Windows XP, Windows 2000, Window ME, Window9x, UNIX, Linux, IRIX, HPUX, Dos and Mac OSX

**Programming Languages:** C, C++, Java, VB, Pascal, COBOL, Delphi, HTML

**Technical Computing Software:** MAPLE, MATLAB, MATHEMATICA, SCILAB and MATCAD

**Foreign Languages:** English and French