

CURRICULUM VITAE

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PERSONAL INFORMATION

Date of birth: February 5, 1981
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PRESENT POSITIONS Assistant Professor, Department of Mathematics and statistics
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EDUCATION

Undergraduate B.Sc. (Mathematics)
 Silapakorn University, Nakhorn Pathom, Thailand, 2000-2003
 Graduate: M.Sc. (Mathematics)
 Chulalongkorn University, Bangkok, Thailand, 2004-2007
 Doctorate: Ph.D.(Mathematics)
 Chulalongkorn University, Bangkok, Thailand, 2008-2011

FIELD OF RESEARCH

- Applied mathematics
- Financial mathematics

ABSTRACTS/ PROCEEDINGS PRESENTATIONS

[1] W.Witayakiattilerd & A.Chonwerayuth ,*Regularity of piecewise continuous almost periodic solutions for nonlinear impulsive systems* The fifth mathematics and physical sciences graduate congress (MPSGC 2009), on Dec 7-9, 2009, Chulalongkorn University, Bangkok, Thailand. (Abstract)

[2] W.Witayakiattilerd & A.Chonwerayuth , *Optimal control for the Fractional integro-differential Equations with Delay* , The sixth mathematics and physical sciences graduate congress (MPSGC 2010), on Dec 13-15, 2010, University of Malaya, Malaysia. (Abstract)

[3] Sirikul Siriteerakul& W.Witayakiattilerd , *A Study on Heat Diffusion of Tile*, The 5th Thailand-Japan International AcademicConference (5th TJIA 2012), on Oct 20, 2012, The University of Tokyo, Tokyo, Japan. (Proceeding)

[4] W.Witayakiattilerd., *Optimal Regulation of Impulsive FractionalDifferential Equations with Delays*, International conference on global optimization and its applications 2012, on Dec 13-15, 2012, Faculty of Mathematics and Natural Sciences, University of Padjadjaran, Bandung, Indonesia.(Abstract)

[5] W.Witayakiattilerd, *Direct Proof of Mild Solution of Integro-Differential Equations on Real Number*, The 4th TKU-KMITL Joint Symposium on Mathematics and Applied Mathematics (MAM2014),Tokai, Japan.(Proceeding)

[6] W.Witayakiattilerd., *Singular Perturbation to Impulsive Differential Equations with PID Controller*, The 5th KMITL-TKU International Joint Symposium on Mathematics and Applied Mathematics (MAM2016), Bangkok,Thailand.(Abstract)

ORIGINAL ARTICLES

LOCAL PUBLICATIONS

[1] W.Witayakiattilerd , *Fractional Calculus : Fractional Derivative and Application*, Scientific journal Lad Krabang, Vol. 20 (2) pp.81-90,2012.

INTERNATIONAL PUBLICATIONS

[1] S. Yodmun and W. Witayakiattilerd, *Stock Selection into Portfolio by Fuzzy Quantitative Analysis and Fuzzy Multi-Criteria Decision Making*, Hindawi Publishing Corporation, Advances in Operations Research, Vol. 2016, Article ID 9530425, 14 pages, doi.org/10.1155/2016/9530425

[2] P. Waree and W. Witayakiattilerd, *Stability Analysis of an Approximate System of a Nonlinear Singularly-Perturbed Fuzzy*, Thai Journal of Mathematics, Special Issue on ICMSA2015(2016).

[3] W.Witayakiattilerd, *Nonlinear Fuzzy Differential Equation with Time Delay and Optimal Control Problem*, Hindawi Publishing Corporation Abstract and Applied Analysis Volume 2015, Article ID 659072, 14 pages <http://dx.doi.org/10.1155/2015/659072>.

[4] W.Witayakiattilerd, *Optimal Regulation of Impulsive Fractional Differential Equation with Delay and Application to Nonlinear Fractional Heat Equation* , Journal of Mathematics Research(JMR), Vol 5, No 2 (2013)

[5] W.Witayakiattilerd & A.Chonwerayuth , *Fractional integro-differential equations of mixed type with solution operator and optimal controls* , Journal of Mathematics Research(JMR), August 2011

[6] W.Witayakiattilerd & A.Chonwerayuth , *Regularity of piecewise continuous almost periodic solutions for nonlinear impulsive systems*, Pushpa Publishing House ,November 2009

TEXTBOOK

[1] W.Witayakiattilerd, *Quantitative Analysis in Finance*, Platong Copy Print, Bangkok, Thailand, 406 pages (2015) (Thai version)

[2] W.Witayakiattilerd, *Calculus I* , Platong Copy Print, Bangkok, Thailand, 406 pages (2013) (Thai version)

LECTURER NOTE

[1] W.Witayakiattilerd, *Mathematics For Daily Life* , Platong Copy Print, Bangkok, Thailand, 155 pages (2013) (Thai version)