

# CURRICULUM VITAE



## PERSONAL INFORMATION

**Name:** Jessada Tariboon

**Date of Birth:** October 3, 1975

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### Current Academic Affiliation:

Intelligent and Nonlinear Dynamic Innovations Research Center, Department of Mathematics, Faculty of Applied Science, King Mongkut's University of Technology North Bangkok

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## EDUCATIONS

**1988 - 1994:** Ayutthaya Witthayalai School, Ayutthaya, Thailand

**1994 - 1998:** B. Eng. (Electrical Engineering)

Mahanakorn University of Technology, Thailand

Special project directed by Dr. Budhaporn Sawetsakulanon

“Measurement of hysteresis and eddy current losses”

**2002 – 2004:** M.Sc. (Applied Mathematics) Chiang Mai University, Thailand

Thesis directed by Professor Amnuay Kananthai

“Application of the periodic distribution  $e^{\alpha t} \delta_{T^{\{k\}}}$  to electrical networks”

**2004 – 2007:** Ph. D. (Mathematics) Chiang Mai University, Thailand

Thesis directed by Professor Amnuay Kananthai

“Diamond heat kernel related to the spectrum and applications of distribution kernel”

## ACADEMIC POSITIONS

**Lecturer;** Department of Mathematics, Faculty of Applied Science, King Mongkut's University of Technology North Bangkok, 2007-2011.

**Assistant Professor;** Department of Mathematics, Faculty of Applied Science, King Mongkut's University of Technology North Bangkok, 2011-2015.

**Associate Professor;** Department of Mathematics, Faculty of Applied Science, King Mongkut's University of Technology North Bangkok, 2015-2018.

**Professor;** Department of Mathematics, Faculty of Applied Science, King Mongkut's University of Technology North Bangkok, 2018-Now.

## RESEARCH INTERESTS

Differential Equations, Functional Differential Equations, Fractional Differential Equations, Impulsive Differential Equations, Quantum Difference Equations, Dynamic Equations on Time Scales and Differential&Integral Inequalities: Existence and Uniqueness of Solutions, Asymptotic Behavior, Boundedness, Oscillation, Stability

## PUBLICATIONS

[1] **J. Tariboon**, On the application of the periodic distribution  $e^{\alpha t} \delta_{T^{\{k\}}}$  to the electrical networks, Thai Journal of Mathematics, Vol. 1, 2003, 59-67.

[2] **J. Tariboon**, A. Kananthai, On the Green function of the  $(\oplus+m^2)^k$  operator, Integral Transforms and Special Functions, Vol.18, 2007; 297-304.

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- [12] P. Thiramanus, **J. Tariboon**, Impulsive differential and impulsive integral inequalities with integral jump conditions, Journal of Inequalities and Applications, 2012, 2012:25.
- [13] T. Sitthiwiratham, **J. Tariboon**, Positive solutions to a generalized second order difference equation with summation boundary value problem, Journal of Applied Mathematics, Vol.2012, Article ID 569313, 15 pages.
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- [15] W. Sudsutad, **J. Tariboon**, Boundary value problems for fractional differential equations with three-point fractional integral boundary conditions, Advances in Difference Equations 2012, 2012:93.
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- [18] **J. Tariboon**, C. Promsakon, Complementary of glued graphs, Far East Journal of Mathematical Sciences, Vol. 69, No. 1, 2012, 27-35.
- [19] C. Thaiprayoon, D. Samana, **J. Tariboon**, Periodic boundary value problems for second-order impulsive integro-differential equations with integral jump conditions, Boundary Value Problems 2012, 2012:122.
- [20] **J. Tariboon**, P. Thiramanus, Oscillation of a class of second-order linear impulsive differential equations, Advances in Difference Equations 2012, 2012:205.
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