

CURRICULUM VITAE



PERSONAL INFORMATION

Name : Jessada Tariboon

Date of Birth : October 3, 1975

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Current Academic Affiliation : Nonlinear Dynamic Analysis Research Center, Department of Mathematics, Faculty of Applied Science, King Mongkut's University of Technology North Bangkok, Bangkok, Thailand 10800

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EDUCATION

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 $e^{\alpha t} \delta_{T^k}(k)$ 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-Now.

RESEARCH INTERESTS

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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