

CURRICULUM VITAE



PERSONAL INFORMATION

Name: Jessada Tariboon

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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-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 $\delta_{T^{\alpha}}(k)$ 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.
- [3] **J. Tariboon**, Boundary value problems for first order functional differential equations with impulsive integral conditions, Journal of Computational and Applied Mathematics, (234) 2010, 2411-2419.
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- [6] C. Thaiprayoon, **J. Tariboon**, P. Khumsup, Periodic boundary value problems for the second order impulsive differential equations, Communications in Mathematics with Applications, Vol.1 No. 3, 2010, 153-164.
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- [11] **J. Tariboon**, Positive solutions of the three-point integral boundary value problem for fractional differential equations with an advanced argument, Far East Journal of Mathematical Sciences, Vol. 61, No. 1, 2012, 35-50.
- [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.
- [16] W. Sudsutad, **J. Tariboon**, Existence results for nonlinear fractional differential equations with m-point integral boundary conditions, *Far East Journal of Mathematical Sciences*, Vol. 66, No. 2, 2012, 229-246.
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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.
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