

Faculty Profile

Name : Dr. R. Samidurai
Designation : Assistant Professor
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Projects (Total Projects : Nil)

Title :

Duration :

Funding Agency :

Amount Sanctioned :

Publications:

Articles (Total Articles 6)

1. Title : Global Existence, Uniqueness and Continuous Dependence for a Semilinear Integrodifferential Equation
Author : R.Samidurai
Name : National Conference on Differential Equations and Applications
Volume : --
Year : 2006
Pages : 9 pages

2. Title : Existence and Uniqueness results for a Nonlinear Wave Equation

Author : R.Samidurai

Name : National Conference on Applications of Partial Differential Equations

Volume : --

Year : 2007

Pages : 10 pages
3. Title : Existence and uniqueness results for neutral stochastic delay differential equations

Author : R.Samidurai

Name : The 95th Indian Science Congress

Volume : --

Year : 2008

Pages : 7 pages
4. Title : Global exponential stability of impulsive cellular neural networks with time-varying delays

Author : R.Samidurai

Name : One Day Seminar on Partial Differential Equations in Commemoration of Prof. E. K. Ramasami's Retirement

Volume : --

Year : 2009

Pages : 10 pages
5. Title : Global exponential stability of stochastic neutral-type neural networks with delays

Author : R.Samidurai

Name : Proceedings of Recent Advances in Mathematical Science and Applications

Volume : --

Year : 2010

Pages : 10 pages

6. Title : Exponential stability result on fuzzy neural networks with impulses:
A Delay Fractioning Approach
Author : R.Samidurai
Name : Second National Conference on Advances in Differential Equations
and Applications
Volume : ---
Year : 2012
Pages : 10 pages

Books(Total Books: Nil.)

Title : --
Author : --
Name : --
Volume : --
Year : --
Pages : --

Journals (Total Journals: 6)

1. Title : Global asymptotic stability of BAM neural networks with mixed delays
and impulses
Author : R.Samidurai, R.Sakthivel,S.M.Anthoni,
Name : Applied Mathematics and Computation
Volume : 212,
Year : 2009
Pages : 113-119(7 pages)
2. Title : Global exponential stability of neutral-type impulsive neural networks
with discrete and distributed delays
Author : R.Samidurai, S.M.Anthoni, K.Balachandran
Name : Nonlinear Analysis: Hybrid Systems
Volume : 4
Year : 2010
Pages : 103-112(10 pages)

3. Title : Exponential stability for stochastic neural networks of neutral type with impulsive effects
Author : R.Sakthivel, R.Samidurai, S.M.Anthoni
Name : Modern Physics Letters B
Volume : 24
Year : 2010
Pages : 1099-1110 (11 pages)
4. Title : Asymptotic stability of stochastic delayed recurrent neural networks with impulsive effects
Author : R.Sakthivel, R.Samidurai, S.M.Anthoni,
Name : Journal of Optimization Theory and Applications
Volume : 147
Year : 2010
Pages : 583-596 (14 pages)
5. Title : New exponential stability criteria for stochastic BAM neural networks with impulses
Author : R.Sakthivel, R.Samidurai, S.M.Anthoni,
Name : Physica Scripta
Volume : 82
Year : 2010
Pages : 045802 (10 pages)
6. Title : New delay dependent robust asymptotic stability for uncertain stochastic recurrent neural networks with multiple time varying delays
Author : R.Raja, R.Samidurai
Name : Journal of the Franklin Institute
Volume : 349
Year : 2012
Pages : 2108–2123 (15 pages)