

















## International Journal Publications : Year 2015 (28 articles)

1. Anlamlert W, Lenbury Y\*, Bell J. Stability analysis of a mathematical model of atherosclerotic plaque development: Fibrous cap formation and degradation. [Kasetsart J Nat Sci 2015;49\(6\):971-82.](#)  
Department : Mathematics  
Author's Status : Academic Staff, Ph.D. Student  
Journal Name : Kasetsart Journal (Natural Science) / Publisher : Kasetsart University  
Indexed in Scopus : h indexed = 9 / SNIP = 0.406 / SJR = 0.154 / Category : [Agricultural and Biological Sciences \(miscellaneous\)](#) 
2. Aroonvilairat S, Kespichayawattana W, Sornprachum T, Chaisuriya P, Siwadune T, Ratanabanangkoon K\*. Effect of pesticide exposure on immunological, hematological and biochemical parameters in thai orchid farmers- a cross-sectional study. [Int J Environ Res Public Health 2015 May 27;12\(6\):5846-61.](#)  
Department : Mathematics  
Author's Status : Academic Staff  
Journal Name : International Journal of Environmental Research and Public Health / Publisher : MDPI   
Journal Metrics : Indexed in WOS : Impact Factor = 2.063 / Category : Environmental Sciences (with median IF = 1.640) - Q2  
Indexed in Scopus : h indexed = 37 / SNIP = 1.286 / SJR = 0.772 / Category : [Public Health, Environmental and Occupational Health](#)   
Notes : Gold OA  
Beall's List : Publisher
3. Baowan D\*, Cox BJ, Hill JM. Instability of carbon nanoparticles interacting with lipid bilayers. [RSC Adv 2015;5\(8\):5508-15.](#)  
Department : Mathematics  
Author's Status : Academic Staff  
Journal Name : RSC Advances / Publisher : RSC  
Journal Metrics : Indexed in WOS : Impact Factor = 3.840 / Category : Chemistry, Multidisciplinary (with median IF = 1.468) - Q1  
Indexed in Scopus : h indexed = 45 / SNIP = 0.950 / SJR = 1.026 / Category : [Chemistry \(miscellaneous\)](#) 
4. Baowan D\*, Helms V. Quantitative study of BSA coating silica nanoparticle. [J Math Chem 2015 Jan;53\(1\):29-40.](#)  
Department : Mathematics  
Author's Status : Academic Staff  
Journal Name : Journal of Mathematical Chemistry / Publisher : Springer  
Journal Metrics : Indexed in WOS : Impact Factor = 1.145 / Category : Mathematics, Interdisciplinary Applications (with median IF = 1.085) - Q2  
Indexed in Scopus : h indexed = 43 / SNIP = 0.767 / SJR = 0.368 / Category : [Chemistry \(miscellaneous\)](#) 
5. Baowan D\*. Penetration of spherical gold nanoparticle into a lipid bilayer. [ANZIAM J 2015;57\(1\):18-28.](#)  
Department : Mathematics  
Author's Status : Academic Staff


Journal Name : ANZIAM Journal / Publisher : Cambridge University Press  
Journal Metrics : Indexed in WOS : Impact Factor = 1.025 / Category : Mathematics, Applied (with median IF = 0.828) - Q2  
Indexed in Scopus : h indexed = 16 / SNIP = 0.189 / SJR = 0.168 / Category : [Mathematics](#)  
(miscellaneous) 

6. Bosuwan N\*, Lagomasino GL. Inverse theorem on row sequences of linear Padé-orthogonal approximation. [Comput Methods Funct Theory 2015;15\(4\):529-54.](#)  
Department : Mathematics  
Author's Status : Academic Staff  
Journal Name : Computational Methods and Function Theory / Publisher : Springer  
Journal Metrics : Indexed in WOS : Impact Factor = 0.386 / Category : Mathematics (with median IF = 0.607) - Q4  
Indexed in Scopus : h indexed = 4 / SNIP = 0.687 / SJR = 0.206 / Category : [Applied Mathematics](#) 
7. Bosuwan N\*. Convergence of nondiagonal sequences of linear padé-orthogonal approximants1. [Thai J Math 2015;13\(3\):723-36.](#)  
Department : Mathematics  
Author's Status : Academic Staff  
Journal Name : Thai Journal of Mathematics / Publisher : Mathematical Association of Thailand  
Indexed in Scopus : h indexed = 6 / SNIP = 0.328 / SJR = 0.184 / Category : [Mathematics](#)  
(miscellaneous) 
8. Bunwong K, Sae-jie W\*, Boonsri N. A modeling approach for assessing the spread of tuberculosis and human immunodeficiency virus co-infections in Thailand. [Kasetsart J Nat Sci 2015;49\(6\):990-1000.](#)  
Department : Mathematics  
Author's Status : Academic Staff, M.Sc. Student  
Journal Name : Kasetsart Journal (Natural Science) / Publisher : Kasetsart University  
Indexed in Scopus : h indexed = 9 / SNIP = 0.406 / SJR = 0.154 / Category : [Agricultural and Biological Sciences \(miscellaneous\)](#) 
9. Cangelosi RA\*, Wollkind DJ, Kealy-Dichone BJ, Chaiya I. Nonlinear stability analyses of Turing patterns for a mussel-algae model. [J Math Biol 2015 May;70\(6\):1249-94.](#)  
Department : Mathematics  
Author's Status : Ph.D. Student  
Journal Name : Journal of Mathematical Biology / Publisher : Springer  
Journal Metrics : Indexed in WOS : Impact Factor = 1.846 / Category : Mathematical & Computational Biology (with median IF = 1.506) - Q2  
Indexed in Scopus : h indexed = 66 / SNIP = 1.196 / SJR = 0.915 / Category : [Modeling and Simulation](#)   
Notes : Top 10% (SJR)
10. Cox BJ, Baowan D\*, Bacsa W, Hill JM. Relating elasticity and graphene folding conformation. [RSC Adv 2015;5\(71\):57515-20.](#)  
Department : Mathematics  
Author's Status : Academic Staff  
Journal Name : RSC Advances / Publisher : RSC  
Journal Metrics : Indexed in WOS : Impact Factor = 3.840 / Category : Chemistry, Multidisciplinary (with median IF = 1.468) - Q1





Indexed in Scopus : h indexed = 45 / SNIP = 0.950 / SJR = 1.026 / Category : [Chemistry \(miscellaneous\)](#) 






11. Dacha K, Sawaengkit P\*, Chaiwat J, Tiensuwan M. Clinical implications of preformed archwire selection on the treatment of angle class I/II division 1 malocclusions in thais [J Clin Diagn Res 2015 May;9\(5\):ZC24-9.](#)  
Department : Mathematics  
Author's Status : Academic Staff  
Journal Name : Journal of Clinical and Diagnostic Research / Publisher : JCDR Research and Publications (Pvt) Limited  
Indexed in Scopus : h indexed = 9 / SNIP = 0.545 / SJR = 0.229 / Category : [Medicine \(miscellaneous\)](#) 
12. Khompungson K\*, Novaprteep B. Hypercircle inequality for partially-corrupted data. [Ann Funct Anal 2015;6\(1\):95-108.](#)  
Department : Mathematics  
Author's Status : Academic Staff  
Journal Name : Annals of Functional Analysis / Publisher : Project Euclid  
Journal Metrics : Indexed in WOS : Impact Factor = 0.603 / Category : Mathematics, Applied (with median IF = 0.828) - Q3  
Indexed in Scopus : h indexed = 5 / SNIP = 1.264 / SJR = 0.524 / Category : [Control and Optimization](#) 
13. Kositwattanarek W, Ong SS, Oggier F. Construction a of lattices over number fields and block fading (wiretap) coding. [IEEE Trans Inf Theory 2015;61\(5\):2273-82.](#)  
Department : Mathematics  
Author's Status : Academic Staff  
Journal Name : IEEE Transactions on Information Theory / Publisher : IEEE  
Journal Metrics : Indexed in WOS : Impact Factor = 2.326 / Category : Computer Science, Information Systems (with median IF = 0.971) - Q1  
Indexed in Scopus : h indexed = 206 / SNIP = 2.572 / SJR = 3.755 / Category : [Computer Science Applications](#) 
14. Licht C, Khaoua AO, Weller T\*. Transient response of thermoelastic bodies linked by a thin layer of low stiffness and high thermal resistivity. [CR Mecanique 2015 Jan;343\(1\):18-26.](#)  
Department : Mathematics  
Author's Status : Adjunct Staff  
Journal Name : Comptes Rendus Mecanique / Publisher : Elsevier  
Journal Metrics : Indexed in WOS : Impact Factor = 1.090 / Category : Mechanics (with median IF = 1.298) - Q3  
Indexed in Scopus : h indexed = 28 / SNIP = 1.032 / SJR = 0.492 / Category : [Materials Science \(miscellaneous\)](#) 
15. Licht C, Orankitjaroen S, Viriyasrisuwattana P, Weller T. Thin linearly piezoelectric junctions. [C R Mec 2015 Apr;343\(4\):282-8.](#)  
Department : Mathematics  
Author's Status : Academic Staff, Adjunct Staff, Ph.D. Student  
Journal Name : Comptes Rendus Mecanique / Publisher : Elsevier  
Journal Metrics : Indexed in WOS : Impact Factor = 1.090 / Category : Mechanics (with median IF = 1.298) - Q3  
Indexed in Scopus : h indexed = 28 / SNIP = 1.032 / SJR = 0.492 / Category : [Mechanics of Materials](#) 
16. Lin M, Fisher B, Orankitjaroen S. Some results on the beta function and the incomplete beta function. [Asian-Eur J Math 2015;8\(3\):1550048.](#)  
Department : Mathematics

Author's Status : Academic Staff, Ph.D. Student

Journal Name : Asian-European Journal of Mathematics / Publisher : World Scientific   
Indexed in Scopus : h indexed = 7 / SNIP = 0.495 / SJR = 0.237 / Category : [Mathematics](#)

(miscellaneous) 

17. Nonlaopon K\*, Orankitjaroen S, Kananthai A. The generalized solutions of a certain  $n$  order differential equations with polynomial coefficients. [Integral Transforms and Special Functions](#). 2015;26(12):1015-24.  
Department : Mathematics  
Author's Status : Academic Staff  
Journal Name : Integral Transforms and Special Functions / Publisher : Taylor & Francis  
Journal Metrics : Indexed in WOS : Impact Factor = 0.723 / Category : Mathematics (with median IF = 0.607) - Q2  
Indexed in Scopus : h indexed = 27 / SNIP = 0.919 / SJR = 0.655 / Category : [Applied Mathematics](#) 
18. Pal M\*, Tiensuwan M. Exponentiated transmuted modified Weibull distribution. [Eur J Pure Appl Math](#) 2015;8(1):1-14.  
Department : Mathematics  
Author's Status : Academic Staff  
Journal Name : European Journal of Pure and Applied Mathematics / Publisher : EJPAM  
Journal Metrics : Indexed in MathSciNet
19. Pal M\*, Tiensuwan M. Some properties of gamma generated distributions. [Statistica](#) 2015;75(4):391-403.  
Department : Mathematics  
Author's Status : Academic Staff  
Journal Name : Statistica / Publisher : University of Bologna   
Journal Metrics : Indexed in WOS  
Notes : Gold OA
20. Pal N, Unhapipat S. Statistics for applied researchers: Bootstrap to the rescue. [Philipp Stat](#) 2015;64(1):89-121.  
Department : Mathematics  
Author's Status : Ph.D. Student  
Journal Name : Philippine Statistician / Publisher : Philippine Statistical Association, Inc.  
Journal Metrics : Indexed in Scopus
21. Promrak J, Rattanakul C\*. Simulation study of the spread of mealybugs in a cassava field: Effect of release frequency of a biological control agent. [Kasetsart J Nat Sci](#) 2015;49(6):963-70.  
Department : Mathematics  
Author's Status : Academic Staff, Ph.D. Student  
Journal Name : Kasetsart Journal (Natural Science) / Publisher : Kasetsart University  
Indexed in Scopus : h indexed = 9 / SNIP = 0.406 / SJR = 0.154 / Category : [Agricultural and Biological Sciences \(miscellaneous\)](#) 
22. Rattanakul C, Lenbury Y\*. Monte Carlo cellular automata simulation of receptor trafficking in cell signal transduction: Tracking dimer and oligomer formation. [Kasetsart J Nat Sci](#) 2015;49(6):1036-46.  
Department : Mathematics  
Author's Status : Academic Staff  
Journal Name : Kasetsart Journal (Natural Science) / Publisher : Kasetsart University  
Indexed in Scopus : h indexed = 9 / SNIP = 0.406 / SJR = 0.154 / Category : [Agricultural and Biological Sciences \(miscellaneous\)](#) 

23. Skulkhu RJ\*. Multiplicative integrability of Riemann, Lebesgue, Denjoy, Perron and Kurzweil integrals. [East-West J Math 2015;17\(2\):176-186.](#)  
Department : Mathematics  
Author's Status : Academic Staff  
Journal Name : East - West Journal of Mathematics / Publisher : Nguyen Tat Thanh University  
Journal Metrics : Indexed in MathScinet  
 Notes : Faculty name not mentioned in address
24. Sonubon A, Orankitjaroen S\*. A functional equation with conjugate means derived from a weighted arithmetic mean. [Malays J Math Sci 2015;9\(1\):21-31.](#)  
Department : Mathematics  
Author's Status : Academic Staff, M.Sc. Student  
Journal Name : Malaysian Journal of Mathematical Sciences / Publisher : Institute for Mathematical Research  
 Indexed in Scopus : h indexed = 6 / SNIP = 0.368 / SJR = 0.163 / Category : [Mathematics](#)  
[\(miscellaneous\)](#) 
25. Thiuthad P, Manoranjan VS, Lenbury Y\*. Analytical solutions for an avian influenza epidemic model incorporating spatial spread as a diffusive process. [East Asian J Appl Math 2015;5\(2\):150-9.](#)  
Department : Mathematics  
Author's Status : Academic Staff, Ph.D. Student  
Journal Name : East Asian Journal on Applied Mathematics / Publisher : Global Science Press  
Journal Metrics : Indexed in WOS : Impact Factor = 0.386 / Category : Mathematics, Applied (with median IF = 0.828) - Q4  
 Indexed in Scopus : h indexed = 5 / SNIP = 0.567 / SJR = 0.448 / Category : [Applied Mathematics](#) 
26. Tikjha W\*, Jintanasonti S, Lenbury Y. Periodic behavior of solutions of a certain piecewise linear system of difference equations. [Thai J Math 2015;13\(1\):227-36.](#)  
Department : Mathematics  
Author's Status : Academic Staff  
Journal Name : Thai Journal of Mathematics / Publisher : Mathematical Association of Thailand  
 Indexed in Scopus : h indexed = 6 / SNIP = 0.328 / SJR = 0.184 / Category : [Mathematics](#)  
[\(miscellaneous\)](#)   
 Notes : Faculty name not mentioned in address
27. Tikjha W\*, Lapiere E, Lenbury Y. Periodic solutions of a generalized system of piecewise linear difference equations. [Adv Differ Equ 2015 Aug:1-15.](#)  
Department : Mathematics  
Author's Status : Academic Staff  
Journal Name : Advances in Difference Equations / Publisher : SpringerOpen   
Journal Metrics : Indexed in WOS : Impact Factor = 0.640 / Category : Mathematics (with median IF = 0.610) - Q2  
 Indexed in Scopus : h indexed = 21 / SNIP = 0.696 / SJR = 0.551 / Category : [Applied Mathematics](#)   
 Notes : Gold OA
28. Worawongvasu R\*, Tiensuwan M. Odontogenic tumors in Thailand: A study of 590 Thai patients. [J Oral Maxillofac Surg Med Pathol 2015;27\(4\):567-76.](#)  
Department : Mathematics  
Author's Status : Academic Staff  
Journal Name : Journal of Oral and Maxillofacial Surgery, Medicine, and Pathology / Publisher :

Elsevier

Indexed in Scopus : h indexed = 4 / SNIP = 0.227 / SJR = 0.143 / Category : [Pathology and Forensic Medicine](#) 