

In 2013: International Journal

1. **N. Ascharyaphotha**, S. Klanklaew, B. Wichianchai and S. Wanchajiraboon. 2012 “Statistical Analysis of Sea Surface Elevation in Numerical Ocean Model for the Gulf of Thailand during Typhoon Muifa.” Applied Mathematical Sciences, Vol. 7, 2013 No.16. Page 751-764.
2. **Chunchom Pongchavalit** and **Adisak Pongpullponsak**. 2013 “Sensitivity Analysis for Solving Economic Maintenance Management Model.” Archive of Sciences Journal, Vol. 66, No.2. Page 182-197.
3. Wimonmas Bamrungsetthapong and **Adisak Pongpullponsak**. 2012. “Fuzzy Reliability Estimation Using Bayesian Approach for Non –Repairable Multi–State System.” Contribution in Mathematics and Applications IV East –West J. of Mathematics, a special volume 2012, pp.125-137
4. Rungsarit Intaramo and **Adisak Pongpullponsak**. 2012. “Coverage Probability for Fuzzy Extreme value Theory Control Charts Using α -Cuts.” Contribution in Mathematics and Applications IV East – West J. of Mathematics, a special volume 2012, pp.161-171
5. Waliporn Tapang and **Adisak Pongpullponsak**. 2012. “Construction of Quality Control Chart Based on U-Statistics in Ranked Sampling.” Contribution in Mathematics and Applications IV East – West J. of Mathematics, a special volume 2012, pp.337-346
6. **Adisak Pongpullponsak** and Peerawut Sontisamran .2013. “Statistical Quality Based on Ranked Set Sampling for Multiple Characteristics.” Chiang Mai J. Sci. 2013; Vol.40, No.3. Pages.485-498. ISI Impact Factor 0.561.[http://it.science.cmu.ac.th/ejournal/Contributed Paper](http://it.science.cmu.ac.th/ejournal/Contributed%20Paper).
7. Adisak Denphednong, **Settapat Chiviriyasit** and **Wirawan Chinviriyasit**. 2013. “On the dynamics of SEIRS epidemic model with transport-related infection.” Mathematical Biosciences, Pages.188-205.
8. Wiyada Kumam, and **Adisak Pongpullponsak**. 2013. “Fuzzy Analysis Methods for the Estimation of Medical Service Value Model.” Thai Journal of Mathematics, Volume 11, No. 3. Pages 655-665. ISSN 1686-0209.<http://thaijmath.in.cmu.ac.th>.
9. Wachiraporn Permpoonsinsup and **Dusadee Sukawat**. 2013. “A CLIMATE DOWNSCALING MODEL BY REGULARIZED LEVENBERG MARQUARDT ALGORITHM”. Far East Journal of Mathematical Sciences (FJMS). Volume 80, Number 2, 2013, pp 231-259.
10. Sasiwimon Pornprapai and **Dusadee Sukawat**. 2013. “A WIND MODEL FOR TROPICAL CYCLONE WITH THE EFFECT OF SURFACE FRICTION.” Far East Journal of Mathematical Sciences (FJMS). Special Volume 2013, Part V, pp 479-500

11. Agapol Junpen, Savitri Garivait, Sebastian Bonnet and **Adisak Pongpullponsak**.2013. "Fire spread prediction for deciduous forest fires in Northeast Thailand." *Science Asia* 39 (2013) : Pages.535-545.