

# Contents

International Journal of Applied Physics and Mathematics

---

**Special issue: Selected and peer reviewed papers from ICEMP 2016, held in Dubai, UAE**

**Volume 6, Number 4, October 2016**

- Analysis of How Well Regression Models Predict Radiation Dose from the Fukushima Daiichi Nuclear Accident** **150**  
Stephen U. Egariwewe, Jamie B. Coble, Laurence F. Miller
- Robustness of Memory-Type Charts to Skew Processes** **165**  
Saowanit Sukparungsee
- Extension of Some Common Fixed Point Theorems** **172**  
Bina R. Patel, G. M. Deheri
- Statistical Design of Double Moving Average Scheme for Zero Inflated Binomial Process** **185**  
Yupaporn Areepong
- On  $\pi$ -nilpotency of Finite Groups** **194**  
Rongge Yu, Ruixia Jiang
- Numerical Integration Method of Average Run Length for SARMA(P,Q)L Process Base on CUSUM Procedure** **200**  
Suvimol Phanyaem
- Spatial Resolution of Infrared Imaging Systems** **207**  
Alla V. Shymanska
- Explicit Formula of ARL for SMA(Q)<sub>L</sub> with Exponential White Noise on EWMA Chart** **218**  
Kanita Petcharat

