

Table of Contents

| | |
|---|----|
| 2009A-1: Takehiro Hirotsu and Setsuo Taniguchi The random walk model revisited | 1 |
| 2009A-2: Shingo Saito Generalisation of Mack's formula for claims reserving with arbitrary exponents for the variance assumption..... | 7 |
| 2009A-3: Hidetoshi Matsui, Shuichi Kawano and Sadanori Konishi Regularized functional regression modeling for functional response and predictors..... | 17 |
| 2009A-4: Hisashi Yamada, Tsuyoshi Takagi and Kouichi Sakurai On the zero-run length of a signed binary representation..... | 27 |
| 2009A-5: Hisayoshi Sato and Keisuke Hakuta An Efficient method of generating rational points on elliptic curves..... | 33 |
| 2009A-6: Yasufumi Hashimoto On asymptotic behavior of composite integers $n = pq$ | 45 |
| 2009A-7: K.K.K.R.Perera and Yoshihiro Mizoguchi Implementation of Haskell modules for automata and Sticker systems..... | 51 |
| 2009A-8: Masaaki Kanno, Kazuhiro Yokoyama, Hirokazu Anai and Shinji Hara Algebraic approach to discrete-time polynomial spectral factorization..... | 57 |
| 2009A-9: Mitsuhiro T. Nakao and Kouji Hashimoto A numerical verification method for solutions of nonlinear parabolic problems..... | 69 |
| 2009A-10: Moritaka Hosotsubo Survey analysis of Japanese mathematics research..... | 73 |