

Contents

Research Papers

On friendly index sets of cyclic silicates ..... Zhenbin GAO, Sinmin LEE, Guangyi SUN, Geechoon LAU (591)

The coalgebra structure over Hom-Hopf algebra ..... Naifeng ZHENG (605)

Growth and approximation of generalized bi-axially symmetric potentials ..... Devendra KUMAR, Anindita BASU (613)

Nonlinear maps satisfying derivability of a class of matrix ring over commutative rings ..... Shikun OU, Jin ZHONG (625)

$H$ -module algebra structures on  $M_2(\mathbb{F})$  ..... Fengxia GAO, Shilin YANG (634)

Higher order Teodorescu operators in superspace ..... Hongfen YUAN, Yuying QIAO (643)

Robust exponential stability of a class of fractional order Hopfield neural networks ..... Xiaolei LIU, Mingjiu GAI, Shiwei CUI (653)

Higher-order attraction of pullback attractors for parabolic equations involving Grushin operators ..... Yanping XIAO (659)

Some properties of causal linear time-invariant (LTI) operators on the weighted  $\ell_2$  space ..... Naifeng GAN, Yufeng LU, Liu LIU (672)

Monotonicity formulas of  $E_F$ -critical maps with potential ..... Yingbo HAN (681)

Metacompactness in countable products ..... Jianjun WANG (692)

Weighted representation asymptotic basis of integers ..... Yujie WANG, Min TANG (701)

• Vol.35, No.1-5 contents ..... (706)