



APPLICATIONES MATHEMATICAE

Contents of Volume 42, Number 1

Thermal ablation modeling via the bioheat equation and its numerical treatment

Agnieszka Bartłomiejczyk, Henryk Leszczyński, Artur Poliński
Appl. Math. (Warsaw) **42** (2015), 1-12

Weierstrass elliptic solutions to a Zakharov equation in plasmas with power law nonlinearity

A. El Achab
Appl. Math. (Warsaw) **42** (2015), 13-22

A simple derivation of the eigenvalues of a tridiagonal matrix arising in biogeography

Qassem M. Al-Hassan, Mowaffaq Hajja
Appl. Math. (Warsaw) **42** (2015), 23-27

A unifying convergence analysis of Newton's method for twice Fréchet-differentiable operators

I. K. Argyros, D. González
Appl. Math. (Warsaw) **42** (2015), 29-56

Approximation by perturbed neural network operators

George A. Anastassiou
Appl. Math. (Warsaw) **42** (2015), 57-81

Simple equilibria in finite games with convexity properties

Tadeusz Radzik, Piotr Więcek
Appl. Math. (Warsaw) **42** (2015), 83-109

On formulae for central moments of counting distributions

Katarzyna Steliga, Dominik Szynal
Appl. Math. (Warsaw) **42** (2015), 111-124