

ATILIM UNIVERSITY

Faculty of Arts and Science

MATHEMATICS DEPARTMENT

Publication List

2006

Articles in 2006

Published Articles

- In Science Citation Index

1. **Anar A. Dosiev**, *Quasispectra of solvable Lie algebra homomorphisms into Banach algebras*, *Studia Mathematica*, **174(1)**, 13-27, (2006).
2. **Anar A. Dosiev**, *Cartan-Slodkowski spectra, splitting elements and noncommutative spectral mapping theorems*, *Journal of Functional Analysis*, **230(2)**, 446-493, (2006).
3. **Gusein Sh. Guseinov** (with M. Bohner), *An introduction to complex functions on products of two time scales*, *J. Difference Equations and Appl.*, **12**, 369-384, (2006).
4. **Gusein Sh. Guseinov** (with D. Anderson and J. Hoffacker), *Higher order self-adjoint boundary value problems on time scales*, *J. Comput. Appl. Math.*, **194**, 309-342, (2006).
5. **Gusein Sh. Guseinov** (with M. Bohner), *Multiple Lebesgue integration on time scales*, *Advances in Difference Equations*, Art. ID 26391, 12 pp., (2006).
6. **Sergei Khruschev**, *On Euler's differential methods for continued fractions*, *Electronic Transaction on Numerical Analysis*, **25**, 178-200, (2006).
7. **Sergei Khruschev**, *The Euler-Lagrange theory for Schur's algorithm: Algebraic exposed points*, *Journal of Approximation Theory*, **139**, 402-429, (2006).
8. **Sergei Khruschev**, *The Euler-Lagrange theory for Schur's algorithm: Wall pairs*, *Journal of Approximation Theory*, **139**, 371-401, (2006).
9. **Sergei Khruschev**, *A recovery of Brouncker's proof for the quadrature continued fraction*, *Publicacions Matematiques*, **50(1)**, 3-42, (2006).
10. **Sofiya Ostrovska**, *The approximation by q -Bernstein polynomials in the case $q \downarrow 1$* , *Archiv der Mathematik*, **86**, 282-288, (2006).

11. **Sofiya Ostrovska**, *On the improvement of analytic properties under the limit q -Bernstein operator*, Journal of Approximation Theory, **138**, 37-53, (2006).
12. **Sofiya Ostrovska**, *Weak uncorrelatedness of random variables*, Acta Mathematica Scientia, **26B(2)**, 379-384, (2006).
13. **Sofiya Ostrovska**, *On the Lupaş q -analogue of the Bernstein operator*, Rocky Mountain Journal of Mathematics, **36 (5)**, 1615-1629, (2006).
14. **Ahmet Yaşar Özban**, *A New Refined form of Jordan's Inequality and Its Applications*, Applied Mathematics Letters, **19**, 155-160, (2006).
15. **Ahmet Yaşar Özban**, *New Methods for Approximating Square Roots*, Applied Mathematics and Computation, **175**, 532-540, (2006).
16. **Ahmet Yaşar Özban**, *On the positive solutions of the system of rational difference equations $x_{n+1} = \frac{1}{y_{n-k}}$, $y_{n+1} = \frac{y_n}{x_{n-m}y_{n-m-k}}$* , Journal of Mathematical Analysis and Applications, **323**, 26-32, (2006).
17. **Yeter Şahiner**, *Oscillation of second order neutral delay and mixed-type dynamic equations on time scales*, Advances in Difference Equations, **2006 Special issue**, (2006).
18. **Yeter Şahiner** (with I.P. Stavrovlakis), *Oscillation of first order linear delay dynamic equations*, Dynamics Systems and Applications, **15**, 645-656, (2006).