

**ATILIM UNIVERSITY**

**Faculty of Arts and Science**

**MATHEMATICS DEPARTMENT**

**Publication List**

**2005**

## Articles in 2005

### Published Articles

- In Science Citation Index

1. **Anar A. Dosiev**, *Cohomology of Sheaves of Frechet Algebras and Spectral Theory*, Functional Analysis and its Appl., **39** (3), 76-80 (2005).
2. **Rajeh Eid**, *Higher Order Isoparametric Finite Element Solution of Stokes Flow*, Applied Mathematics and Computation, **162**, 1083-1101, (2005).
3. **Gusein Sh. Guseinov** (with F. Dal), *Properties of discrete composition operators*, J. Difference Equations Appl., **11**, 21-27, (2005).
4. **Gusein Sh. Guseinov** (with F. Dal), *A boundary value problem for second order nonlinear difference equations on the integers*, The Australian and New Zealand Industrial and Applied Mathematics Journal, **47**, 237-248, (2005).
5. **Gusein Sh. Guseinov** (with M.Bohner), *Multiple integration on time scales*, Dynam. Systems Appl., **14**, 579-606, (2005).
6. **Gusein Sh. Guseinov** (with M.Gurses and B. Silindir), *Integrable equations on time scales*, J. Math. Phys., **46**, 113510, 22pp., (2005).
7. **Sergei Khruschev**, *Continued fractions and orthogonal polynomials on the unit circle*, Journal of Computational and Applied Mathematics, **178**, 267-303, (2005).
8. **Sofiya Ostrovska** (with J. Stoyanov), *Stieltjes classes for M-indeterminate powers for inverse Gaussian distributions*, Statistics and Probability Letters, **71**, 165-171, (2005).
9. **Sofiya Ostrovska**, *Uncorrelatedness Sets for Random Variables with Given Distributions*, Proceedings of the American Mathematical Society, **133** (4), 1239-1246, (2005).
10. **Yeter Şahiner**, *Oscillation of second order delay differential equations on time scales*, Nonlinear Analysis, **63**, 1073-1080, (2005).

11. **Bülent Ünal** (with Fernando Dobarro), *Curvature of Multiply Warped Products*, Journal of Geometry and Physics, **55**, Issue 1, 75-106, (2005).

• **Not in Science Citation Index**

1. **Anar A. Dosiev**, *Spectral mapping framework*, Banach Center Publications, **67**, 161-169, (2005).
2. **Gusein Sh. Guseinov**, *Self-adjoint boundary value problems on time scales and symmetric Green's functions*, Turkish Journal of Math., **29**, 365-380, (2005).