

ISSN 1733-6775

Journal of Mathematics and Applications

vol. 29 (2007)



**Department of Mathematics
Rzeszów University of Technology
Rzeszów, Poland**

Journal of Mathematics and Applications

Table of contents

1. **Arkady Aleyner, Simeon Reich:** Implicit and explicit constructions of sunny nonexpansive retractions in Banach spaces 5
2. **M. K. Aouf:** Certain class of analytic functions associated with the generalized hypergeometric function 17
3. **M. K. Aouf, G. Murugusundaramoorthy:** On certain subclasses of meromorphicall multivalent functions associated with a certain linear operator 33
4. **Adolf Aslanyan, Janusz Dronka:** Vibrations of strongly degenerated 3D-1D multi-structures: Asymptotic analysis 53
5. **Anindita Basu, P. D. Srivastava:** Statistical convergence on composite vector valued sequence space 75
6. **Urszula Bednarz:** Stability of the integral transformation of k -uniformly convex and k -starlike functions 91
7. **Jacek Dziok:** Some parametric family of functions 99
8. **Jacek Dziok, Hüseyin Irmak, Krzysztof Piejko:** Some inequalities involving differential operators and their applications to certain multivalent functions 109
9. **Janusz Sokół:** The convexity of Hadamard product of three functions .. 121
10. **Waldemar Szumny, Andrzej Włoch:** On k -independent sets and (k, l) -kernels in the corona of graphs 127
11. **Anetta Szynal:** Growth theorems for 4-quasihomographies of the real line 137
12. **Katarzyna Wilczek:** On bilipschitz extension of auhomorphism of real axes II 143
13. **Roman Wituła, Damian Ślota:** Limit points of some exponential sequences 151
14. **Alexander J. Zaslavski:** On extremals of a variational problem arising in crystallography 157
15. **Zhi-Gang Wang, Yue-Ping Jiang:** On certain subclasses of close-to-convex and quasi-convex functions with respect to $2k$ -symmetric conjugate points 167