

## Publikationen 2006 im Fachbereich IV der Universität Trier

### Mathematik

Arakelian, N.U./ Luh, W./ Müller, J. (2006): On the localization of lacunary power series, accepted for publication in Complex Variables.

Bernal-Gonzalez, L./Calderón-Moreno, M.C./Luh, W. (2006): Large linear manifolds of noncontinuable boundary-regular holomorphic functions, accepted for publication in Izvest. NAN. Armen. Mat.

Gharibyan, T./Luh, W./Niess, M. (2006): Birkhoff-functions that are bounded on prescribed sets, Arch. Math. 86 (2006), 261-267.

Gharibyan, T./ Luh, W./ Müller, J. (2006): Lacunary  $(R, p, M)$ -summability, accepted for publication in Analysis.

Gharibyan, T./ Luh, W./ Müller, J. (2006): A lacunary version of Mergjalian's approximation theorem, submitted for publication in J. of Approximation Theory.

Gherman, I./ Schulz, V./ Betts, J.T. (2006): Optimal flight trajectories for the validation of aerodynamic models. Optimization Methods and Software, Vol. 21, No. 6, pp. 889-900, 2006.

Hazra, S.B./ Schulz, V. (2006): Simultaneous pseudo-timestepping for aerodynamic shape optimization problems with state constraints. SIAM J. Sci. Comput., vol 28, No. 3, pp. 1078 - 1099, 2006.

Heinkenschloss, M./ Hoppe, R.H.W./ Schulz, V. (2006): Numerical Techniques for Optimization Problems with PDE Constraints. Oberwolfach Report No. 11/2006, OWR Vol. 3. No. 1, European Mathematical Society Publishing House, ISSN 1660-8933, 2006, pp. 585 - 651.

Kaplan/ Tichatschke (2006): Some results about proximal-like methods, In: A. Seeger (ed): Recent Advances in Optimization, Lecture Notes in Economics and Mathematical Systems, vol. 563, 2006, pp. 61-86.

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Maruhn, J./ Sachs, E.W. (2006): Robust static super-replication of barrier options in the Black-Scholes model. In A. Kurdila, P. M. Pardalos, and M. Zabrankin, editors, *Robust Optimization: Directed Design*, pages 127 – 143, Heidelberg, 2006. Springer-Verlag.