

## Faculty Research for 2007

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4. M. Bartušek and John R. Graef. Asymptotic behavior of solutions of a differential equation with  $p$ -Laplacian and a forcing term. *Differential Equations and Dynamical Systems*, 15:61–87, 2007.
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7. Boris P. Belinskiy and P. Caithamer. Energy estimate for the wave equation driven by a fractional Gaussian noise. *Discrete and Continuous Dynamical Systems (DCDS Supplements)*, pages 92–101, 2007.
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9. Boris P. Belinskiy, John R. Graef, and R. E. Melnik. Modeling a wing in an air flow. In O. Dosly and P. Rehak, editors, *Colloquium on Differential and Difference Equations CDDE 2006 Proceedings*, volume 16 of *Matematica*, pages 21–31. *Folia FSN Universitatis Masarykianae Brunensis*, 2007.
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14. R. Dhanasekaran, John R. Graef, S. Pandian, and E. Thandapani. Asymptotic results for a class of fourth order quasilinear difference equations. *Journal of Difference Equations and Applications*, 13:1085–1103, 2007.
15. Aniekan Ebiefung. Existence theory and the Q-matrix characterization for the generalized linear complementarity problem: Revisited. *Journal of Mathematical Analysis and Applications*, 329:1421–1429, 2007.
16. Aniekan Ebiefung. A relaxation of the input-output pollution system. In *Proceedings of the 37th Annual Conference of the Southeast Decision Sciences Institute*, pages 1183–1189, 2007.
17. John R. Graef. Review of “Sturm–Liouville theory: Past and present” by W. O. Amrein, A. M. Hinz, and D. B. Pearson, editors. *Society for Industrial and Applied Mathematics Review*, 49:343–346, 2007.
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39. Aniekan A. Ebiefung. Existence Theory and Q-matrix Characterization for the Generalized Linear Complementarity Problem: Revisited. *Journal of Mathematical Analysis and Applications* 329, 1421—1429, 2007.