Roger Nussbaum

List of Mathematical Publications

Journals:
1. The topological degree for noncompact nonlinear mappings in Banach spaces (Felix E. Browder and Roger D. Nussbaum), Bull. of the AMS, 74 (1968), 671-676.
2. The fixed point index and asymptotic fixed point theorems for $k$–set-contractions, (Roger D. Nussbaum), Bull of the AMS, 75 (1969), 490-495.
7. The fixed point index for local condensing maps (Roger D. Nussbaum), Annali di Matematica, 89 (1971), 217-258.
8. Asymptotic fixed point theorems for local condensing maps (Roger D. Nussbaum), Mathematische Annalen, 191 (1971), 181-195.
11. Some fixed point theorems (Roger D. Nussbaum), Bull. of the AMS, 77, #3 (1971), 360-365.
35. Degree theory (Roger D. Nussbaum), by N.G. Lloyd; Bull. AMS, July, 1979, 632-636.


39. Special and spurious solutions of $x'(t) = -\alpha f(x(t - 1))$ (with H.-O. Peitgen) (Roger D. Nussbaum), Memoirs of the AMS, 310, September, 1984.


42. Positive operators and elliptic eigenvalue problems (Roger D. Nussbaum), Mathematische Zeitschrift, 186 (1984), 247-264.


49. The Fixed Point Index and Some Applications (Roger D. Nussbaum), Lecture Notes, Seminaire de Mathematiques Superieures at the Univ. of Montreal (1983), Les Presses de l’Universite de Montreal, 94 (1985), 1-145.


79. Nonexpansive periodic operators in $\ell_1$ and super-high-frequency oscillations in a discontinuous dynamical system with time delay (Roger D. Nussbaum and E. Shustin), J. of Dynamics and Differential Equations, **13** (2001), 381-424.


83. Dynamics of a quadratic map in two complex variables, (Roger D. Nussbaum and
84. Lower and upper bounds for $\omega$-limit sets of nonexpansive maps (with B. Lemmens and S. Verduyn Lunel), Indagationes, **12** (2001), 191-211.

85. Eigenvalues for a class of homogeneous cone maps arising from max-plus operators, (John Mallet-Paret and Roger D. Nussbaum), Discrete and Continuous Dynamical Systems, **8** (2002), 519-563.


89. A basis theorem for a class of max-plus equations, (John Mallet-Paret and Roger D. Nussbaum), J. of Differential Equations, **189** (2003), 616-639.

90. Asymptotic estimates for the periods of periodic points of nonexpansive maps (Sjoerd Verduyn Lunel and Roger Nussbaum), Ergodic Theory and Dynamical Systems, **23** (2003), 1199-1226.


917-930.


Conference Proceedings:


12. On transitive and commutative finite groups of isometries (Richard N. Lyons and


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