List of publications
Guentcho Skordev
November 28, 2005

1 Research papers


2. On mappings increasing the dimension and resolvents of closed maps, PhD Dissertation, Moscow State University, 1970, (in russian).

3. On mappings increasing the dimension, Mat. Zametki, 7, 6 (1970), 697–705, (in russian); MR 42 M 1115.


25. Factorisation an approximation theorem for Alexandroff-Cech coho-
ology, C.R. UdSSR Acad.Sci., 220 (1975), 208–212, (in russian), (with
Yu.M.Smirnov); MR 52 N 1665.

26. Mappings of a finite dimensional sphere in an euclidean space,

325; MR 54 N 1206.

28. Fixed points of maps of compact connected groups, C.R. Bulgarian
Acad.Sci., 28 (1975), 437–439, (in russian); MR 58 N 24249.

29. A coincidence of maps of compact groups, C.R.Bulgarian Acad.Sci.,

30. Lefschetz fixed point theorem for homogeneous spaces of localy com-
pact groups, C.R.Bulgarian Acad.Sci., 29 (1976), 1771–1573, (in rus-
sian), (with Ya.Kintishev); MR 55 N 4150.

118, (in russian).

32. On the invariance of domain, Serdica, Bulgarian Math.J., 2 (1976), 7–
11; MR 54 N 8617.

33. On the fixed point theorem of Schauder, Serdica, Bulgarian Math.J.,
2 (1976), 122–125; MR N 13901.

34. A fixed point theorem for NE-maps, Serdica, Bulgarian Math.J.,
3 (1977), 29–41, (in russian), (with S.Bogatii); MR 57 N 139254.

russian), (with L. Gorniewicz); MR 80e: 55004.

1102; MR 80e:54046.

37. Shape of compact connected finite dimensional groups, C.R. Bulgarian

russian); RJ 1988 3A690.


93. Tools for devising cellular automata in the hyperbolic 3D space, Fundamenta Informaticae, 58 (2003), 369-398 (with M. Margenstern).
94. The tiling \( \{p, q\} \) of the hyperbolic plane are combinatoric, SCI’2003, Orlando, USA (with M. Margenstern).


96. Combinatorial structures of \( \{p,q\} \) tilings of the hyperbolic plane, (submitted) (with M. Margenstern).

97. Integer-valued fixed point index for acyclic maps on ANR’s, C. R. Bulgarian Academy Sci. (accepted) (with E. G. Sklyarenko).

98. The tiling \( \{p,q\} \) of the hyperbolic plane are combinatoric, WTCA, 2004 (with K. Chelghoum, M. Margenstern, B. Martin, I. Pecci).

99. A note on limit sets of random substitution Fractals (to appear), (with A. Barbe, F.v.Haeseler)

2 Textbooks, scientific-popular books and papers


3 Translations

1. B. V. Gnedenko, ”Formirane na mirogled u uchenicite pri obuchenieto po matematika”, Narodna Prosveta, Sofia, 1986 (from russian) (with I. Stoyanova).