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LISTA DE LUCRĂRI

Candidat:

ZAMFIRESCU I. Tudor Ion George Mihail - Dr. / din 1968, Prof. / din 1980
(NUME, initiala si prenume) (anul) (Titlul didactic/echiv.) (anul)

1^o Teza(ele) de doctorat

T1. Zamfirescu Tudor,

Continuous families of curves,

Universitatea Bochum, 1968

Conducator stiintific: Prof. Dr. Gunther Ewald

2^o Carti publicate (C1, C2 etc.), indrumare publicate (I 1, 12 etc.), capitole publicate in volume colective, capitole teoretice redactate, sisteme de laborator functionale etc. (D1, D2 etc.), dupa caz, prin care se aduc contributiile la asigurarea si perfectionarea activitatilor didactice/profesionale in raport cu natura criteriului de evaluare TC2

C1. Zamfirescu Tudor,

The Majority in Convexity,

Editura Universitatii Bucuresti 2009, 109 pag.

C2. Silvia Balea, Mircea Craioveanu, Radu Iordanescu, Zamfirescu Tudor,

Differential Geometry and its Applications,

Editura Universitatii Sibiu, 407 pag.

(ISSN 1221-5023)

3^o Articole / studii publicate in reviste de specialitate recunoscute (R1, R2 etc.), articole/studii publicate in volumele unor manifestari stiintifice internationale recunoscute (Vi1, Vi2 etc.), brevete de inventie (B12, B2 etc.), creatii artistice prezentate la manifestari stiintifice recunoscute (A1, A2 etc.), precum si, dupa caz, alte lucrari similare - articole/studii publicate in volumele unor manifestari stiintifice nationale, lucrari prezentate la diferite seminarii/expozitii etc. (E1, E2 etc.), dupa caz, prin care se aduc contributiile la dezvoltarea domeniului in raport cu natura criteriului de evaluare TC3

R1. Zamfirescu Tudor

Geometric constructions with ruler, compass, and trisector (rom.),

Stud. Cerc. Mat. **15** (1964) 405-411.



R2. Zamfirescu Tudor

Note sur les hyperplans isogonaux d'un simplexe,
Bull. Math. Soc. Sci. Math. Phys. R.P.R. **8** (1964) 317-320.

R3. Zamfirescu Tudor

Sur quelques theoremes de G. Szekeres et S. Marcus concernant les fonctions monotones et convexes,
Rev. Roum. Math. Pures Appl. **10** (1965) 81-90.

R4. Zamfirescu Tudor

Simplicial convexity in vector spaces,
Bull. Math. Soc. Sci. Math. Phys. R.P.R. **9** (1965) 137-149.

R5. Zamfirescu Tudor

On the fundamental lemmas of the Calculus of Variations,
Rev. Roum. Math. Pures Appl. **10** (1965) 505-510.

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Un probleme variationnel dans l'espace de Riemann (with T. Albu),
Rev. Roum. Math. Pures Appl. **10** (1965) 1323-1330.

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Sur les fonctions du type K,
Rev. Roum. Math. Pures Appl. **10** (1965) 1575-1582.

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Caracterisations des hypersurfaces convexes,
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Reductibilitate et series lineaires de corps convexes,
L'Enseign. Math. **12** (1966) 57-67.

R10. Zamfirescu Tudor

Familles de corps associes a un corps convexe,
Bull. Math. Soc. Sci. Math. R.S.R. **10** (1966) 397-412.

R11. Zamfirescu Tudor

On pencils of diameters in convex bodies (with A. S. Besicovitch),
Rev. Roum. Math. Pures Appl. **11** (1966) 637-639.

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Sur les corps associes a un corps convexe,
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Sur les series lineaires de corps convexes a frontieres non differentiables et applications a la reductibilitate,
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Sur la reductibilite des corps convexes,
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R16. Zamfirescu Tudor

On l-simplicial convexity in vector spaces,
Pacific J. Math. **22** (1967) 565-573.

R17. Zamfirescu Tudor

Sur les familles continues de courbes I,
Atti Accad. Naz. Lincei Rend. **42** (1967) 771-774.

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Atti Accad. Naz. Lincei Rend. **43** (1967) 13-17.

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Reducibility of convex bodies,
Proc. London Math. Soc. **17** (1967) 653-668.

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Conditions necessaires et suffisantes pur la reductibilite des voisinages des corps convexes,
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Sur les points multiples d'une famille continue de courbes,
Rend. Circ. Mat. Palermo **18** (1969) 103-112.

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On a theorem of Chartrand, Kapoor and Kronk,
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R27. Zamfirescu Tudor

Les courbes fermées doubles sans points triples associées à une famille continue,
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On planar continuous families of curves,
Canad. J. Math. **21** (1969) 513-530.

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The simplicial convexity of convex surfaces,
Rev. Roum. Math. Pures Appl. **14** (1969) 889-897.

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Sur quelques généralisations par F. Browder du principe de contraction de Picard-Banach,
Atti Accad. Naz. Lincei Rend. **49** (1970) 11-16.

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On the line-connectivity of line-graphs,
Math. Ann. **187** (1970) 305-309.

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Convexité par rapport à une famille continue de courbes I,
Atti Accad. Naz. Lincei Rend. **50** (1971) 625-629.

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Rend. Sem. Mat. Univ. Padova **46** (1971) 49-52.

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On k -path hamiltonian graphs and line-graphs,
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Trois caractérisations des ensembles convexes,
Ist. Veneto Sci. Lett. Atti Cl. Sci. Mat. Natur. **130** (1971/72) 377-384.

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A theorem on fixed points,
Atti Accad. Naz. Lincei Rend. **52** (1972) 832-834.

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Generalizations of Banach's fixed point theorem,
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Sur les familles continues de courbes V ,
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On k -path hamiltonian graphs,
Boll. Unione Mat. Ital. **6** (1972) 61-66.

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Some fixed point theorems in metric spaces,
Atti Accad. Sci. Ist. Bologna **9** (1972) 86-93.

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Two characterizations of the reducible convex bodies,
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Proprietes geometriques des ensembles simplicialement convexes,
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On spanning and expanding stars,
Atti Accad. Sci. Ist. Bologna **1** (1974) 41-47.

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Les partages d'un polygone convexe en 4 polygones semblables au premier (with G. Valette),
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Metric spaces consisting of classes of convex bodies,
Rend. Ist. Mat. Univ. Trieste **7** (1975) 128-136.

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L'histoire et l'etat present des bornes connues pour P_k^i , C_k^i , P_k^j et C_k^j
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Graphen, in welchen je zwei Eckpunkte von einem l'angsten Weg vermieden werden,
Ann. Univ. Ferrara **21** (1975) 17-24.

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On longest paths and circuits in graphs,
Math. Scand. **38** (1976) 211-239.

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Quelques questions sur les familles continues de courbes, in "Convex Geometry",
Vrije Universiteit Brussel (1977) 31-35.

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Generalized contractions and fixed points in metric spaces,
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Rectangular convexity (with R. Blind and G. Valette),
Geom. Dedicata **9** (1980) 317-327.

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Zweites Kolloquium uber Diskrete Geometrie, Universitat Salzburg (1980) 236-244.

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Math. Ann. **252** (1980) 217-219.

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Three small cubic graphs with interesting hamiltonian properties,
J. Graph Theory **4** (1980) 287-292.

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Most monotone functions are singular,
Amer. Math. Monthly **88** (1981) 47-49.

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J. Austral. Math. Soc. A **31** (1981) 456-458.

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Bihomogeneously traceable oriented graphs (with S. Hahn),
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Many endpoints and few interior points of geodesics,
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Shortness exponents for polytopes which are k -gonal modulo n (with M. Schmidt),
J. Combin. Theory B **33** (1982) 101-120.

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Topology **21** (1982) 65-69.

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Using Baire categories in Geometry,
Rend. Sem. Mat. Univ. Politecn. Torino **43** (1985) 67-88.

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Convex curves in gear,
Acta Math. Hung. **46** (1985) 297-300.

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Sur les graphes tractables les moins hamiltoniens (with A. Zucco),
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J. Austral. Math. Soc. **43** (1987) 287-290.

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There is a universal topological plane (with J. Goodman, R. Pollack and R. Wenger),
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A characterization of infinite, bipartite Toeplitz graphs (with R. Euler and H. Le Verge),
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R119. Zamfirescu Tudor

From the melons to bananas (rom.),
Gaz. Mat. **100** (1995) 487-491.

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Geodesiques et lieux de coupure sur les surfaces convexes typiques,
Analele St. Univ. Ovidius Constanta **3** (1995) 167-173.

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Conjugate points and closed geodesic arcs on convex surfaces,
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On the number of shortest paths between points on manifolds,
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On the critical points of a Riemannian surface,
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Minkowski's theorem for arbitrary convex sets,
European J. Comb., **29** (2008) 1956-1958.

R163. Zamfirescu Tudor

Convex polytopes passing through circles,
Periodica Math. Hung., **57** (2008) 227-230.

⁴ Proiecte de cercetare-dezvoltare (P1, P2 etc.) pe baza de contract/grant, precum si alte lucrari de cercetare-dezvoltare (F1, F2 etc.), dupa caz, prin care se aduc contributiile la dezvoltarea mediului educational/cultural/economic/social etc. in raport cu natura criteriului de evaluare TC4

P1. Director de grant international

Grant DAAD (1976)

P2. Director de grant international

Grant DFG (1989)

P3. Director de grant international

Programul de conferinte internationale "International Conferences on Discrete Mathematics"
(1982 - 2007)

P1. Participant pe grant international Grant Marie Curie de tip Host Fellowship for the Transfer of Knowledge cu titlul: "*Discrete and Convex Geometry*"

la Institutul de Matematica "Alfred Renyi" al Academiei Ungare de Stiinte (2005 - 2009)

P4. Codirector de grant international

Programul de conferinte "Seminarul Germano-Roman de Geometrie Diferentiala" organizat de DFG
(2001 - 2007)

P5. Membru al echipei de cercetare in contractul 2-CEX06-11-22/25.07.06

Geometrie de contact, complexa si quaternionica pe varietati conforme si Riemann



Nota

- (1) Fiecare lucrare este prezentata, in limba in care a fost publicata/expusa, corespunzator structurii "I, II, III, IV, V, VI", unde: I este indicativul (T1, T2 etc.; C1, C2 etc. ...), care se scrie "bold" la lucrarile realizate dupa acordarea ultimului titlu didactic/grad profesional (**C1, I 1** etc., dupa caz); II - autorii in ordinea din publicatie, cu scriere "bold" a **candidatului**; III - *titlul* scris "italic"; IV - editura sau revista sau manifestarea si/sau alte elemente de localizare, dupa caz; V - intervalul de pagini din publicatie, respectiv, pp...-....., numarul total de pagini, respectiv, pg., sau alte date similare, dupa caz; VI - anul sau perioada de realizare, dupa caz.
- (2) In cadrul fiecarui grup de lucrari (C1, C2 etc.; I 1, 12 etc.;), lucrarile sunt in ordine invers cronologica.

Candidat,

Prof. Dr. Tudor Zamfirescu

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