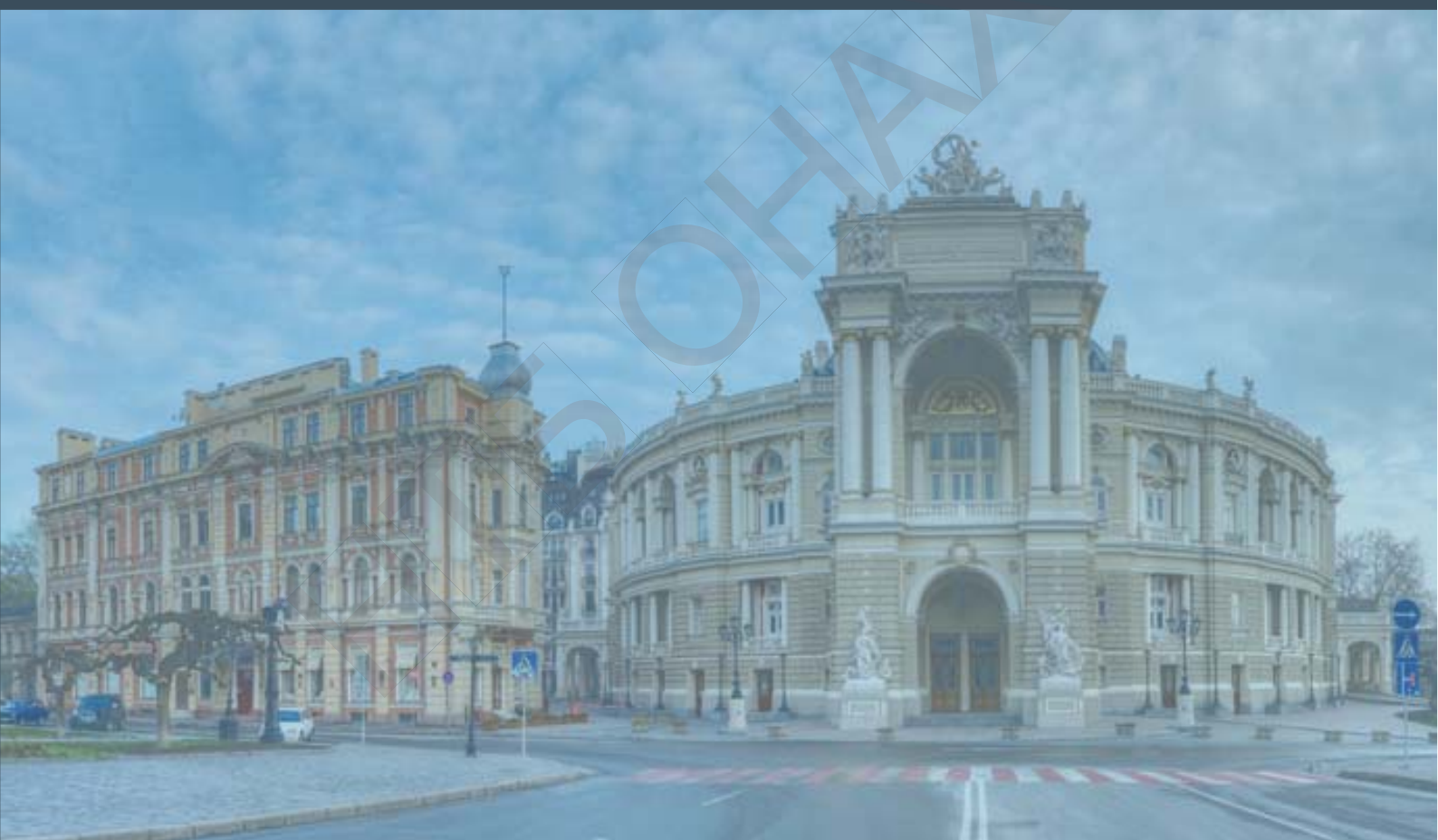


International scientific conference

“Algebraic and Geometric Methods of Analysis”

Book of abstracts



May 28 - June 3, 2019

Odesa, Ukraine

Conference webpage: imath.kiev.ua/~topology/conf/agma2019/

LIST OF TOPICS

- Algebraic methods in geometry
- Differential geometry in the large
- Geometry and topology of differentiable manifolds
- General and algebraic topology
- Dynamical systems and their applications
- Geometric problems in mathematical analysis
- Geometric and topological methods in natural sciences
- History and methodology of teaching in mathematics

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The Ricci Iteration on Homogeneous Spheres

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The Ricci iteration is a discrete analogue of the Ricci flow. Introduced in 2007, it has been studied extensively as a new approach to uniformisation. In this talk, we will discuss the Ricci iteration on spheres that are equipped with transitive Lie group actions. Joint work with Timothy Buttsworth (Queensland), Yanir Rubinstein (Maryland) and Wolfgang Ziller (Pennsylvania).

HTB OHA XT

Mokritskaya T. P., Tushev A. V. <i>On some fractal-based estimations of subsidence volume for various types of soils</i>	39
Mukhamadiev F. G. <i>The Shanin number and the predshanin number of N_τ^φ-kernel of a topological spaces</i>	41
Najmiddinov J. Sh. <i>The effectiveness of the use of computer programs in the teaching of mathematics in academic lyceums</i>	42
Obikhod T. <i>Gromov-Witten invariants and identification of the energy levels of solitonic states</i>	43
Ostrowska O., Yakymiv R. <i>On isometries satisfying deformed commutation relations</i>	45
Prishlyak A., Prus A. <i>Three-color graph of the Morse flow on a compact surface with boundary</i>	46
Pulemotov A. <i>The Ricci Iteration on Homogeneous Spheres</i>	48
Rmuš V. <i>The construction of squaring the circle</i>	49
Samokhvalov S. <i>Riemann-Klein antagonism and problem of energy in general relativity</i>	51
Savchenko A. <i>On generalized spaces of persistence diagrams</i>	52
Sazonova O. <i>Continual approximate solution with acceleration and condensation mode</i>	53
Serdyuk A. S., Sokolenko I. V. <i>Approximation by Fourier sums and interpolation trigonometric polynomials in classes of differentiable functions with high exponents of smoothness</i>	54
Serdyuk A., Stepanyuk T. <i>Lebesgue-type inequalities for the Fourier sums</i>	57
Skuratovskii R. <i>Minimal generating set and structure of wreath product of cyclic groups, comutator of wreath product and the fundamental group of orbit Morse function $\pi_1 O(f)$</i>	59
Vasilchenko A. <i>Spaces of primitive elements in dual modules over Steenrod algebra 2</i>	61
Morrison P. J. <i>A Geometrical Version of the Maxwell-Vlasov Hamiltonian Structure</i>	63
Wojtowicz M. <i>Note on congruent numbers</i>	64
Кадубовський О. А. <i>Про число топологічно нееквівалентних гладких функцій з однією критичною точкою типу сідла на двовимірному торі</i>	65
Ладиненко Л. П. <i>Щодо геометричної характеристики спеціальних майже геодезичних перетворень просторів афінного зв'язку зі скрутом</i>	67
Овчаренко О. О. <i>Життєвий та науковий шлях Марка Григоровича Крейна</i>	68
Подоусова Т. Ю., Вашпанова Н. В. <i>LGT-лінії та A-деформації мінімальних повертонь</i>	69
Прокіп В. М. <i>Алгоритм побудови унітального дільника для многочленної матриці</i>	70
Синюкова О. <i>Про геодезичні відображення посторів дотичних розширень зі спеціальною метрикою</i>	72
Щеглов М. В. <i>Поточкова оцінка відхилення полінома Крякіна від неперервної на відрізку функції</i>	73