VITA

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EDUCATION

1973	Leningrad Pedagogical Institute, Leningrad, USSR
	Ph.D. Diploma in Mathematics
	Thesis: "Linear Superpositions of Functions"
1970-73	Moscow Pedagogical Institute - doctoral studies
1964-69	Moscow State University, Department of Mechanics and Mathematics
	M.S. Diploma in Mathematics, 1969

EMPLOYMENT

7/15 – Present	**Wichita State University, Wichita, Kansas**
	PROFESSOR OF MATHEMATICS
8/88 – 6/15	PROFESSOR OF MATHEMATICS, CHAIRMAN OF THE DEPARTMENT OF MATHEMATICS
	AND STATISTICS (Dept. of Math, Stat, and Physics since Fall 2011)
8/87 - 7/88	INTERIM CHAIRMAN OF THE DEPARTMENT OF MATHEMATICS AND STATISTICS
8/84 - 7/88	ASSOCIATE PROFESSOR OF MATHEMATICS
8/82 - 7/84	ASSISTANT PROFESSOR OF MATHEMATICS
9/81 - 8/82	The University of Michigan-Flint, Flint, Michigan
	VISITING ASSOCIATE PROFESSOR OF MATHEMATICS
1976-80	**Khabarovsk Pedagogical Institute, Khabarovsk, USSR**
	DOCENT & CHAIRMAN: DEPARTMENT OF PHYSICS & MATHEMATICS.
1974-76	SENIOR LECTURER IN MATHEMATICS
1973-74	ASSISTANT PROFESSOR OF MATHEMATICS
1970-73	**Moscow Pedagogical Institute, Moscow, USSR**
	GRADUATE RESEARCHER

PUBLICATIONS IN REFEREED JOURNALS:

"Biholomorphic Transformations" (with D. Ma), Taylor & Francis Publishers, accepted on 11/06/2018.

"Holomorphic functions on subsets of C^n" (with D. Ma), J. Math. Soc. Japan, vol. 65 (2013), 1-12.

"Nonlinear convergence sets of divergent power series" (with D. Ma, T. Neelon), Annales Polonici   Mathematici, **106** (2012), 193-198

"Testing holomorphy on curves"(with D. Ma), Israel J. Math., vol. 192 (2012), 535-540.

"Osgood-Hartogs-type Properties of Power Series and Smooth Functions" (with D. Ma), Pacific J. Math., vol. 251, No. 1 (2011), 67-79.

"Fixed Points and Determining Sets for Holomorphic Self-Maps of a Hyperbolic Manifold" (with D. Ma, J-P Vigué), Michigan Math. Journal, 55 (2007), 229-238.

"Properties of Fixed Point Sets and a Characterization of the Ball in C^n" (withD. Ma),   Proc. Amer. Math. Soc. 135 (2007) 229-236.

"Isolated Fixed Point Sets for Holomorphic Maps" (with D. Ma, J-P Vigué), J. Math. Pures. Appl. 86 (2006), 80-87.

"On determining sets for holomorphic automorphisms" (with K. T. Kim, S. G. Krantz, D. Ma), Rocky Mountain Journal of Mathematics, vol. 36, 3 (2006), 947-956

"Perturbations of Domains and Automorphism Groups" (with D. Ma), Journal of the Korean Mathematical Society, vol. 40 (3), pp 487-502 (2003)

"Upper semicontinuity of the dimensions of automorphism groups of domains in C^n" (with D. Ma, E. Poletsky) Amer. J. of Math. 125, pp 289-299 (2003)

"On fixed points and determining sets for holomorphic automorphisms" (with K. T. Kim, S. G. Krantz, D. Ma), Michigan Math J, 50 (2002), 507-515.

"A compact set with noncompact disc-hull " (with Lop-Hing Ho; Daowei Ma) Proc. Amer. Math. Soc. 129 (2001), 1473-1475.

"Numerical Harmonic Analysis on the Hyperbolic Plane" (with Kuchment et al.), Applicable Analysis, Vol. 76 (3-4), pp. 351-362 (2000).

"Solution of the Linearized inverse Conductivity Problem in the half space via integral geometry" ,``25 years of Voronezh Winter Mathematical School", AMS Translations, 184 (1998), pp. 85-95 (with P. Kuchment, D. Ma, and V. Papanicolaou)

"A Uniqueness result for a generalized Radon transform", SIAM Journal of Mathematical Analysis, vol. 26, 6, pp. 1467-1472 (1995)

"On Exhaustion of Domains" (with D. Ma), Indiana University Mathematics Journal, vol. 44, 2, pp. 385-395 (1995)

"Upper semicontinuity of automorphism groups" (with E.A. Poletsky), Mathematische Annalen, 299, pp. 615-628 (1994)

``Biholomorphic Transformations that do not extend continuously to the boundary", Michigan Mathematical journal, 38, pp. 67-73 (1991).

``A Universal Exhausting Domain", Proceedings of the American Math. Society, Vol. 98, No. 2, pp. 267-270, (1986) .

"An Approximate Riemann Mapping Theorem", Mathematische Annalen, 275, pp. 49-55 (1986).

``Biholomorphic Invariants of a Hyperbolic Manifold and some Applications", Transactions of the American Math Society, Vol. 276, No. 2, pp. 685-698, (1983).

"One Example of the Boundary Behavior of Biholomorphic Transformations", Proceedings of the American Math. Society, Vol. 89, No. 2, pp. 226-228, (1983).

"On the Embedding of a Strictly Pseudoconvex Domain in a Polyhedron" - Dokl Akad Nauk USSR Vol. 249, No. 6, (1979). Translated in Soviet Math. Dokl Vol. 20, No. 6, pp. 1228-1232, (1979).

``On a Class of Analytic Polyhedra" - Dokl Akad Nauk USSR Vol. 242, No. 5, (1978). Translated in Soviet Math. Dokl Vol. 19, No. 5, pp. 1258-1261, (1979).

"Extension of Uniformly Continuous Mappings and the Course in Analysis" - Collected Research Papers, Moscow Pedagogical Institute, Vol. 47, pp. 31-62, (in Russian), (1976).

"On Superpositions of Continuous Functions" - Collected Research Papers, Moscow Pedagogical Institute, Vol. 45, pp. 42-49, (in Russian), (1974).

``On a Characterization of Polynomial Endomorphisms of C2 ", Izv Akad Nauk USSR, Vol. 37 (1973), translated in Math. USSR Izvestija, Vol. 7. No. 2, pp. 319-328, (1973).

"A Nowhere Dense Space of Linear Superpositions of Functions of Several Variables". Izv Akad Nauk USSR Vol. 36 (1972) No. 4, Translated in Math. USSR Izvestija, Vol. 6, No. 4. pp. 807-837, (1972).

"An Estimate of the Dimension of the Null Spaces of Linear Superpositions" Math. Sbornik Vol. 82 (124) (1970), No. 1. Translated in Math USSR Sbornik Vol. 11, No. 1, pp. 101-114, (1970).

"Improvement in the Smoothness of Functions in the Kolmogorov Superposition theorem" -Dokl Akad Nauk USSR Vol. 177 (1967), No. 5. Translated in Soviet Math. Dokl Vol. 8, No. 6, pp. 1550-1553, (1967).

SELECTED ABSTRACTS AND OTHER PUBLICATIONS

"Perturbation of domains in C^n and automorphism groups", Proceedings of the 6th International Conference on Several Complex Variables and Complex Geometry, Gyeong-Ju, Korea (August 2002)

"Implementation of Analysis on the hyperbolic plane and inverse conductivity problem" (with Kuchment et al.), (1996)

" Solution of the Linearized Inverse Conductivity Problem in the Half Space via Integral Geometry" (with Kuchment, Ma, Papanicolaou), (1995)

"On exhaustion of domains" , Abstr. of papers AMS, Vol. 15, pp. 514, (1994).

"Upper semicontinuity of automorphism groups", Abstr. of papers AMS, Vol. 14, pp. 647, (1993).

"The `Big Bang' Property of a Universal Domain", preprint, 1990

"Analytic approximation of domains in Cn", Abstracts of the International Congress on Math., Berkeley, pp. 143, 1986.

"Property of the Universal Domain", Abstr. of papers AMS, Vol. 7, pp. 56, (1986).

"Approximate form of the Riemann Mapping Theorem", Abstr. of papers AMS, Vol. 7, pp. 161, (1986).

"A Universal Domain", Abstr. of papers presented to the AMS, Vol. 6, pp. 258, (1986).

"An Approximate Riemann Mapping Theorem", International Conference on Partial Differential Equations in Complex Analysis, SUNY at Albany, pp. 17, (1985).

"Exhausting by images of a pseudoconvex domains", report to the meeting of the American Math. Society, Pittsburgh, Pennsylvania, (1981).

"Biholomorphic mappings and invariants of a complex manifold", report at School of Math., Voronesch, USSR, (1980).

"Classification of a class of Analytic Polyhedra", report at Math. conference, Chernogolovka, USSR, 1978.

"Uniformly Continuous Mappings", report at the Meeting of College Teachers, Novgorod, USSR, 1975.

"Linear Superpositions of Functions" - Abstract of the Ph.D. Thesis, Moscow, pp. 1-12, (in Russian), (1973).

"Linear Superpositions of Functions" - Ph.D. Thesis, Moscow, pp. 1-43 (in Russian), (1973).

SELECTED PROFESSIONAL PRESENTATIONS BY INVITATION:

Invited talk " Fixed point sets for holomorphic self-maps"in the research conference Complex Function Theory and Geometry at the Stefan Banach International Mathematical Center in the Banach Center in Warsaw, Poland (11 to 15 of June, 2007).

Invited talk"Determining Sets for Holomorphic Automorphisms of a Bounded Domain" on June 23, 2004 in Mid Sweden University, (Sundsvall, Sweden). That was a talk on the International Conference on Complex Analysis in Several Variables (Satellite Conference of the Forth European Congress in Mathematics (travel expenses were paid by the organizers)).

Invited talk "The correct semicontinuity principle for holomorphic automorphism groups", presented on October 31, 2003 at the Analysis seminar at Pohang University of Science and Technology (South Korea) (travel expenses were paid by Pohang University).

Invited talk "Perturbation of Domains in C^n and automorphism groups", August 2002, the 6th International Conference on Several Complex Variables and Complex Geometry, Gyeong-Ju, S. Korea

Invited talk "Semicontinuity of the dimension of holomorphic automorphism groups", March 2002, Seminaire d'Analyse at the Institut de Mathéématiques Universitéé Pierre et Marie Curie (Analysis Seminar of the Poincare Mathematics Institute of the Pierre and Maria Curie University in Paris, France).

Invited talk"Continuous group actions on domains in C^n", June 2001 at a Several Complex Variables conference in the Steklov Mathematical Institute in Moscow, Russia.

Invited talk "A compact set with noncompact disc-hull " in August 2000 at The American Institute of Mathematics, Palo Alto, CA.

SOME UNDERGRADUATE/GRADUATE COURSES TAUGHT AT WICHITA STATE UNIVERSITY

Integration Techniques and Applications; Advanced Calculus I & II; Mathematical Models; Fundamental Concepts of Algebra; Linear Algebra; Ordinary Differential Equations; Engineering Math I & II; Complex Analysis I & II; Real Analysis I & II, Introduction to Several Complex Variables.