CURRICULUM VITAE

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Education:
PH.D.

Institution:	National Technical University of Ukraine "Kiev Polytechnic Institute", Department of Applied System Analysis
Degree:	Ph.D. in Mathematics, 2005
GPA:	5.0
Thesis:	"Evolutionary equations with essentially infinite-dimensional operators"
Advisor:	Prof. Yu. V. Bogdansky

M.S.

Institution:	National Technical University of Ukraine "Kiev Polytechnic Institute", Department of Applied System Analysis
Degree:	Master of Sciences, 2000
GPA:	4.5
Thesis:	"Fractional powers of generators of (C_0)-semigroups"
Advisor:	Prof. Yu. V. Bogdansky

Employment:

2005 — present:	*Lecturer,* National Technical University of Ukraine "Kiev Polytechnic Institute", Department of Applied System Analysis
2000 — 2005:	*Assistant,* National Technical University of Ukraine "Kiev Polytechnic Institute", Department of Applied System Analysis
2002 — 2004:	*Chief expert,* Department of Information Technology, Ministry of Economic Development and Trade (Ukraine)
2000 — 2002:	*Engineer-Programmer,* Closed Corporation "KP OTI"

Research interests:
Differential Equations, Stability, Neural Networks, Flows in Networks, Operator Theory.

Participation at conferences:

The Crimean Autumn Mathematical School-Symposium (KROMSH);
 Sevastopol, Laspi (2002, 2003, 2004, 2005, 2007, 2010, 2011, 2012.)
System Analysis and Information Technologies (SAIT);
 Kiev (2008, 2009, 2010, 2011, 2012.)

Basic Publications:

1. A. Yu. Maltsev, "The canonical form of the bilinear functional on a pair of spaces which are in duality relation," *System Research and Information Technologies*, No. 2, 121–126, (2013).

2. A. Yu. Maltsev, "Mathematical model and software simulator of predator–prey system," *Research bulletin of the National Technical University of Ukraine "KPI"*, No. 3, 70–74, (2013).

3. A. Yu. Maltsev, "Stability of solutions of the infinite-dimensional equation," *Research bulletin of the National Technical University of Ukraine "KPI"*, No. 2, 70–75, (2013).

4. A. Yu. Maltsev, "Mathematical analysis: improper integrals," *Polytechnika, Kiev*, (2008).

5. A. Yu. Maltsev, "Linear Algebra and Analytic Geometry," *Polytechnika, Kiev*, (2008).

6. A. Yu. Maltsev, "The Cauchy problem for evolutionary essentially infinite-dimensional equations on a surface in a Hilbert space," *Methods of Functional Analysis and Topology*, **11**, No. 3, 239–249, (2005).

7. A. Yu. Maltsev, "The Cauchy problem for equations with essentially infinite-dimensional elliptic operators perturbed by a vector field depending on time," *Reports of the National Academy of Sciences of Ukraine*, No. 11, 31–37, (2004).

8. A. Yu. Maltsev, "Properties of solutions of the Cauchy problem for essentially infinite-dimensional evolution equations," *Ukrainian Math. J.*, **56**, No. 5, 790–798, (2004).

9. A. Yu. Maltsev, "Essentially infinite-dimensional evolution equations," *Ukrainian Math. J.*, **56**, No. 2, 264–273, (2004).

10. A. Yu. Maltsev, "Evolutional families of non-stationary essentially infinite-dimensional equations," *Research bulletin of the National Technical University of Ukraine "KPI"*, No. 4, 152–157, (2004).

11. A. Yu. Maltsev, "The Cauchy problem for equations with non-regular elliptic operators depending on time," *Research bulletin of the Taurida National V. Vernadsky University*, **16**, No. 1, 153–157, (2003).

12. A. Yu. Maltsev, "The Cauchy problem for equations with essentially infinite-dimensional elliptic operators depending on time" *Research bulletin of the Taurida National V. Vernadsky University*, **15**, No. 1, 107–111, (2002).

13. A. Yu. Maltsev, "The Cauchy problem for a certain non-stationary equation with essentially infinite-dimensional operator," *Spectral and Evolution problems: Proceedings of the Fourteenth Crimean Autumn Mathematical School-Symposium*, **Vol. 14**, 173–178, (2004).

14. A. Yu. Maltsev, "The Cauchy problem for equations with non-regular elliptic operators," *Spectral and Evolution problems: Proceedings of the Thirteenth Crimean Autumn Mathematical School-Symposium*, **Vol. 13**, 143–147, (2003).