

Martin Doležal

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Education

2009 - 2013

Charles University in Prague, Faculty of Mathematics and Physics
Study program Mathematics, branch Mathematical Analysis
Degree Ph.D.

2007 - 2009

Charles University in Prague, Faculty of Mathematics and Physics
Study program Mathematics, branch Mathematical Analysis
Graduated with distinction, degree Mgr.

2004 - 2007

Charles University in Prague, Faculty of Mathematics and Physics
Study program Mathematics, branch General Mathematics
Graduated with distinction, degree Bc.

Publications

1. M. Doležal, *A note on the three-segment problem*,
Math. Bohem., 134(2):211–215, 2009.
2. M. Doležal, P. Pošta, P. Pyrih, M. Rmoutil, and B. Vejnar, *Chain of dendrites without monotone supremum*,
Questions Answers Gen. Topology, 29(2):131–133, 2011.

3. M. Doležal, P. Ludvík, P. Pošta, P. Pyrih, M. Rmoutil, and B. Vejnar, *Arcwise connected continuum with a free arc and with the fixed set property for monotone onto maps*, Questions Answers Gen. Topology, 30(2):135–137, 2012.
4. M. Doležal, *Characterization of σ -porosity via an infinite game*, Fund. Math., 216(2):109–118, 2012.
5. M. Doležal and M. Zelený, *Infinite games and σ -porosity*, submitted.
6. M. Doležal, *Unitary representations of finite abelian groups realizable by an action*, submitted.

Citations

M. Doležal and M. Zelený, *Infinite games and σ -porosity*, submitted.

cited in:

M. Koc and L. Zajíček, *On Kantorovich's result on the symmetry of Dini derivatives*, Comment. Math. Univ. Carolin., 51(4):619–629, 2010.

Prizes and Scholarships

The award of the Dean of the Faculty of Mathematics and Physics for the best master thesis of the academic year 2008/09.

First place in the competition SVOČ 2009 (a competition of students from Czech and Slovak universities in a scientific activity in mathematics).

Grant No. 149410 (Applications of descriptive set theory in mathematical analysis) from the Grant Agency of Charles University in the years 2010 - 2012.

Schools and conferences

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| 01/2008 | Winter School in Abstract Analysis
Lhota nad Rohanovem, Czech Republic
(talk presented) |
| 01/2009 | Winter School in Abstract Analysis
Kácov, Czech Republic
(talk presented) |
| 01/2010 | Winter School in Abstract Analysis
Klenčí pod Čerchovem, Czech Republic |
| 05/2010 | Spring School on Analysis
Paseky nad Jizerou, Czech Republic |
| 06/2010 | Week of doctoral students
Prague, Czech Republic
(talk presented) |
| 01/2011 | Winter School in Abstract Analysis
Kácov, Czech Republic |
| 06/2011 | Real Analysis Exchange Summer Symposium
Budapest, Hungary
(talk presented) |
| 01/2012 | Winter School in Abstract Analysis
Klenčí pod Čerchovem, Czech Republic |
| 06/2012 | Real Analysis Exchange Summer Symposium
Pennsylvania State University, USA |
| 01/2013 | Winter School in Abstract Analysis
Kácov, Czech Republic |

Teaching experience

Since summer semester 2007/08 up to summer semester 2012/13 - practical courses in Mathematical Analysis and/or Calculus at Faculty of Mathematics and Physics of the Charles University in Prague.

Language skills

Czech: native
English: advanced, First Certificate in English (2003)