Martin Doležal

dolezal@math.cas.cz

Professional Experience

Institute of Mathematics, Academy of Sciences of the Czech Republic   Postdoc
Topology and Functional Analysis department   *2014 - present*

Education

Charles University in Prague, Faculty of Mathematics and Physics   Ph.D.
Study program Mathematics, branch Mathematical Analysis   *2009 - 2013*

Charles University in Prague, Faculty of Mathematics and Physics   Mgr.
Graduated with distinction   *2007 - 2009*

Charles University in Prague, Faculty of Mathematics and Physics   Bc.
Graduated with distinction   *2004 - 2007*

Prizes and Scholarships

1. Grant from the Grant Agency of Charles University in the years 2010 - 2012 (project *Applications of descriptive set theory in mathematical analysis*).

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

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

Talks at Conferences

Winter School in Abstract Analysis   01/2015
Svratka, Czech Republic

Interactions between Algebra and Functional Analysis   12/2014
Prague, Czech Republic

Joint Prague-Vienna Logic & Set Theory Meeting   10/2014
Prague, Czech Republic

Real Analysis Exchange Summer Symposium   06/2011
Budapest, Hungary

Week of doctoral students   06/2010
Prague, Czech Republic

Winter School in Abstract Analysis   01/2009
Kácov, Czech Republic

Publications and Preprints

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

6. M. Doležal, B. Vejnar: *Classification of the spaces $C_p^*(X)$ within the Borel-Wadge hierarchy for a projective space X*, Topology Appl., 183, 11–17, 2015.

5. M. Doležal: *Unitary representations of finite abelian groups realizable by an action*, Topology Appl., 164, 87–94, 2014.

4. M. Doležal: *Characterization of σ-porosity via an infinite game*, Fund. Math., 216(2):109–118, 2012.

3. M. Doležal, P. Ludvík, P. Pošta, P. Pyrih, M. Rmoutil, 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.

2. M. Doležal, P. Pošta, P. Pyrih, M. Rmoutil, B. Vejnar: *Chain of dendrites without monotone supremum*, Questions Answers Gen. Topology, 29(2):131–133, 2011.

1. M. Doležal: *A note on the three-segment problem*, Math. Bohem., 134(2):211–215, 2009.