

## THESES

### CSc and PhD theses

1984	Pokorná E.	The Dirichlet problem in resolutive compactifications
1985	Malý J.	Fine localization in potential theory
1991	Pyrih P.	Fine topologies and uniqueness of continuation
1999	Kolář J.	Simultaneous extension operators
2001	Spurný J.	Affine functions
2004	Smrčka M.	Choquet's theory for function spaces
2005	Mocek T.	Exposed sets and boundary in harmonic spaces
2008	Bačák M.	Point simpliciality in Choquet's theory
2009	Pokorný D.	Generalized subdifferentials and Darboux property of Fréchet derivatives
2012	Kraus M.	Some results in convexity and in Banach space theory
2016	Petráček P.	Geometric linear and nonlinear problems of function spaces
2016	Omasta E.	Choquet theory and Dirichlet problem
2017	Pošta P.	Baire and harmonic functions

### Diploma theses

1968	Dubská L.	Carathéodory boundary
1970	Mrtková J.	The Lebesgue integral
1971	Ryjáček Z.	Borel and Baire measures on locally compact spaces
1971	Svědihov V.	Integrals on spaces of functions
1973	Kastl L.	Smooth measures on topological spaces
1974	Maceška J.	Integration of vector-valued functions
1976	Pokorná E.	Potential theory for the heat equation
1978	Žaludová J.	The Riemann integral in Banach spaces
1980	Malý J.	The Dirichlet problem in the fine potential theory
1983	Pyrih P.	Holomorphic functions in fine topology in the plane
1987	Frýdek J.	Properties of fine topologies
1988	Zoubek J.	On integral representation on compact sets
1990	Ranošová J.	Compactness of Newton operators
1993	Příbylová D.	On continuity of the spectral functions
1996	Kolář J.	Linear extendors in analysis
1998	Spurný J.	Choquet theory of function spaces
1999	Smrčka M.	Topologies on Choquet boundaries
2001	Mocek T.	Boundaries and boundary behaviour in function spaces
2005	Pokorný D.	Daugavet spaces and operators
2006	Kolkus M.	Choquet theory and functional calculus
2007	Kraus M.	Integral representation in noncompact cases
2007	Krejčí D.	Ljapunov theorem, its generalizations and applications
2008	Pošta P.	Baire and harmonic functions
2008	Mašková A.	Orthogonality in Banach spaces
2009	Zitko M.	Extreme points of convex sets with applications
2011	Petráček P.	Geometric properties of spaces of continuous functions
2015	Pospíšil M.	Microscopic sets and drops in Banach spaces

### Student and Bachelor theses

1970	Hnilica J.	Alexandroff compactification
1970	Hyška V.	A generalization of "almost everywhere" notions
1970	Kastl L.	Representations of Boolean lattices
1970	Keitl A.	Kuratowski's sets
1970	Kotyza J.	Riemann–Stieltjes integral
1970	Machoňová E.	Convergences of sequences of functions
1970	Nedbal S.	Integrals on spaces $C(T)$
1970	Staněk M.	Criteria of convergences of series
1970	Toušek M.	Upper integral
1971	Maceška J.	Integration in Riesz spaces
1971	Trienh Viet H.	Locally recurrent functions
1971	Zahradník M.	Measurable and Baire functions
1973	Civínová M.	Semifinite measures
1973	Hladíková D.	Absolutely continuous functions
1973	Kotlář V.	Different definitions of measurability
1973	Křížek R.	Radon measures and integrals
1973	Misárková O.	Products of measures
1973	Nečásková M.	RC–integral
1973	Starý Z.	Riemann integral in Banach spaces
1973	Voříšek P.	Quasiconvex functions
1974	Pultar M.	Measures of interesting properties
1974	Rabiška M.	Measures determined by functions
1976	Hájková V.	Power series on linear metric spaces
1976	Riedl M.	Riemann integral on Banach spaces
1977	Balanda L.	$C$ –sets and $N$ –functions
1977	Blažek J.	Pompeiu functions
1977	Borák E.	Differentiable nowhere monotone functions
1977	Malý J.	Separation by approximately continuous functions
1977	Permanová M.	Denjoy theorem
1977	Šestáková E.	Lebesgue points
1978	Kelar V.	Pompeiu and Köpcke functions
1978	Pekár K.	Constructions of locally recurrent functions
1978	Pivka L.	Regulated functions
1978	Studený M.	Baire–one functions
1978	Tišer J.	Characterizations of normal topological spaces
1979	Vlachová V.	Properties of graphs of functions
1979	Zdařil J.	Separately continuous functions
1981	Hamhalter J.	Interesting topologies on the real line
1982	Mitasová E.	Integrals on congruent domains
1982	Novotný J.	On some classes of continuous functions
1983	Janáček J.	Extensions of functionals
1984	Mrázek J.	Lusin and Sierpinski sets and continuum hypothesis
1984	Velebil J.	Nonmeasurable sets
1987	Šedivá B.	Blumberg property of continuous functions
1989	Rošková M.	Stone–Weierstrass theorem

2006	Pošta P.	Variations on the Banach fix point theorem
2007	Doležal M.	Curves of the Peano type
2009	Kolář M.	Oscillate signed measures
2010	Rolínek M.	Applications of a Korovkin theorem
2011	Skálová A.	Magic numbers in metric spaces
2016	Mrhal F.	Riemann integral in Banach spaces