

Examensarbeten i matematik presenterade under 2015

Grundnivå, 15 högskolepoäng

2015:1 Magnus Irie: The theory of dynamical system and control applied to macroeconomics. Handledare: Yishao Zhou

2015:2 Dennis Öberg: Ehrhart polynomials of lattice triangles. Handledare: Benjamin Nill

2015:3 Nanna Zhou Hagström: Riemannian geometry in digital image processing with an application in modeling the cells in the lens of an eye and automating the quantification of a protein. Handledare: Rikard Bøgvad

2015:4 Oskar Thorén: Perturbation theory and TQSSA. Handledare: Yishao Zhou

2015:5 Jimmy Calén: The emergence of probability theory. Handledare: Paul Vaderlind

2015:6 Simon Almerström Przybyl: Choice Principles in Mathematics. Handledare: Henrik Forssell

2015:9 George Mouselli: Apolarity Theory and Macaulay's Theorem. Handledare: Alessandro Oneto

2015:10 Jennifer Chamberlain: The Reconstruction Conjecture. Handledare: Jörgen Backelin

2015:11 Erik Thormarker: Chaitin's incompleteness theorem. Handledare: Erik Palmgren

2015:12 Victor Lisinski: Hilbert's Irreducibility Theorem and Applications to the Inverse Galois Problem. Handledare: Antoine Chambert-Loir och Rikard Bøgvad

2015:15 Johan Palmquist: Dynamic Programming and Applications in Economics. Handledare: Yishao Zhou

2015:17 Martin Andersson: Some Matroid Theory and a Peek into Oriented Matroids. Handledare: Paul Vaderlind

2015:18 Martin Lundfall: Formalizing Real Numbers in Agda. Handledare: Håkon Robbestad Gylterud

2015:19 Emil Båth: Axiom of Choice. Handledare: Valentino Goranko

2015:20 Ingvar Ziemann: On Portfolio Theory and Fractals. Handledare: Yishao Zhou

2015:21 Erland Arctaeus: Search for function fields with many rational places.Handledare: Karl Rökæus

2015:22 Teodor Alfson: Topics in Nonlinear Ordinary Differential Equations. Handledare: Andrzej Szulkin

2015:23 Christian Hägg: Sequential differentiation of polynomials with zeros determined by simple polygons. Handledare: Rikard Bøgvad

Avancerad nivå, 30 högskolepoäng

2015:7 Johan Lindberg: Equivariant sheaves on topological categories. Handledare: Henrik Forssell

2015:8 Monir Elias Bounadi: The Foundations of Graph Pebbling. Handledare: Cecilia Holmgren

2015:13 Assar Andersson: Modelling rational homotopy types with A_∞ -algebras. Handledare: Alexander Berglund

2015:14 Saad Abed: Gamma function related to Pick functions. Handledare: Annemarie Luger

2015:16 Tomas Berggren: A Riemann-Hilbert Problem Approach to Mesoscopic Fluctuations for the CUE. Handledare: Maurice Duits