

Joan Ferrer Rodríguez

Lyngbyvej 174, 3.19
Copenhagen 2100
Denmark

Education and employment

- 01/09/24 – 31/08/27 **PhD in Mathematics**, University of Copenhagen
Supervisors: Elisenda Feliu and Máté L. Telek
- 01/07/24 – 01/09/24 **Research Assistant**, University of Copenhagen
Supervisor: Elisenda Feliu
- 01/09/22 – 01/07/24 **M.Sc. in Mathematics**, University of Copenhagen
Thesis Title: A-discriminant theory, Viro's patchworking and nonnegativity of polynomials.
Supervisors: Elisenda Feliu and Máté L. Telek
- 01/09/17 – 01/07/22 **B.Sc. in Mathematics**, Autonomus University of Barcelona
Thesis Title: Characteristic classes
Supervisor: Natàlia Castellana
- 01/09/17 – 01/07/22 **B.Sc. in Physics**, Autonomus University of Barcelona
Thesis Title: Study of SU(5) as a Grand Unified Theory
Supervisor: Pere Masjuan

Grants and Awards

- 01/02/22 – 01/07/22 **Collaboration Fellowship**, Autonomous University of Barcelona
Title: Implementation of Lean on teaching and research on Topology
Supervisor: Natàlia Castellana

Teaching

- 01/09/24 – 15/11/24 Advanced Vector Spaces M.Sc. Course – University of Copenhagen
Teaching Assistant

Research stays

- 07/02/25 – 14/02/25 Research visit with Máté L. Telek at Max Planck Institute for Mathematics in the Sciences, Leipzig, Germany

Attended conferences

- 03/02/25 – 06/02/25 Numerical (nonlinear) algebra in the real world at Max Planck Institute for Molecular Cell Biology and Genetics, Dresden, Germany
- 17/02/25 – 21/02/25 Winter School: Moments, nonnegative polynomials and algebraic statistics at University of Konstanz, Germany

Publication List

Signed nonnegativity and SONC exactness – Manuscript in preparation.