

Qualifying Subjects for Ph.D. Students

A. Mathematics

1. Algebra
2. Topology
3. ODEs
4. PDEs
5. Real Analysis
6. Complex Analysis
7. Numerical Analysis
8. Geometry
9. Functional Analysis

B. Mathematical Statistics

1. Time Series Analysis
2. Probability Theory
3. Stochastic Processes
4. Generalized Linear Models
5. Statistical Inference

C. Theoretical Physics

1. Mathematical Physics

D. Computers

1. Mathematics in Computing