Field of Thesis Groupings – New PhD Recipients

New doctoral recipients are grouped by field of thesis using the Mathematical Reviews, 2010 Mathematics Subject Classifications. The listing below shows which MR codes make up each field of thesis group.

**Algebra/Number Theory (1-Alg)**

06 Order, lattices, ordered algebraic structures
08 General algebraic systems
11 Number theory
12 Field theory and polynomials
13 Commutative rings and algebras
14 Algebraic geometry
15 Linear and multilinear algebra; matrix theory
16 Associative rings and algebras
17 Nonassociative rings and algebras
18 Category theory, homological algebra
19 K-theory
20 Group theory and generalizations

**Real, Complex, Functional, Harmonic Analysis (2-Anal)**

(and Topological Groups)

22 Topological groups, Lie groups
26 Real functions
28 Measure and integration
30 Functions of a complex variable
31 Potential theory
32 Several complex variables and analytic spaces
33 Special functions
40 Sequences, series, summability
42 Fourier analysis
43 Abstract harmonic analysis
44 Integral transforms, operational calculus
46 Functional analysis
47 Operator theory

**Geometry/Topology (3-Geom)**

51 Geometry
52 Convex sets and discrete geometry
53 Differential geometry
54 General topology
55 Algebraic topology
57 Manifolds and cell complexes
58 Global analysis, analysis on manifolds

**Discrete Math/Combinatorics/Logic/Computer Science (4-Disc)**

03 Mathematical logic and foundations
05 Combinatorics
68 Computer science

**Probability (5-Prob)**

Probability theory and stochastic processes

**Biostatistics/Statistics (6-Stat)**

61 Biostatistics (Annual Survey of new PhDs only)
62 Statistics

**Applied Mathematics**

70 Mechanics of particles and systems
74 Mechanics of deformable solids
76 Fluid mechanics
78 Optics, electromagnetic theory
79 Mathematical Physics, physical applications
80 Classical thermodynamics, heat transfer
81 Quantum theory
82 Statistical mechanics, structure of matter
83 Relativity and gravitational theory
85 Astronomy and astrophysics
86 Geophysics
90 Operations research, mathematical programming
91 Game theory, economics, social, and behavioral sciences
92 Biology and other natural sciences, behavioral sciences
94 Information and communications, circuits

**Numerical Analysis/Approximations (8-Num)**

41 Approximations and expansions
65 Numerical analysis

**Linear, Non-linear Optimization/Control (9-Opt)**

49 Calculus of variations and optimal control; optimization
93 Systems theory; control

**Differential, Integral, Difference Equations (10-Equa)**

34 Ordinary differential equations
35 Partial differential equations
37 Dynamical systems and ergodic theory
39 Finite differences and functional equations
45 Integral equations

**Mathematics Education (11-Educ)**

97 Mathematical Education

**Other/Unknown (12-Oth)**

00 General
01 History and biography
99 Missing/unknown