A Guide to Dewey Classification Numbers for Mathematicians.

510 Mathematics
  • 510.1 Philosophy and theory
511 General topics
  • 511.3 Mathematical (Symbolic) logic
512 Algebra & number theory
  • 512.9 Foundations of algebra
513 Arithmetic
  • 513.2 Specific arithmetic operations
  • 513.5 Numeration systems
514 Topology
515 Analysis
516 Geometry
  • 516.2 Euclidean geometry
  • 516.3 Analytic geometries
  • 516.9 Non-Euclidean geometries
519 Probabilities & applied mathematics
  • 519.2 Probabilities
  • 519.3 Game theory
  • 519.4 Applied numerical analysis
  • 519.5 Statistical mathematics
  • 519.7 Programming
  • 519.8 Special topics

Other Useful Numbers
003 Systems
004 Data processing & computer science
005 Computer programming, programs & data
332 Financial economics
368 Insurance
522 Techniques, equipment & materials
526 Mathematical geography
527 Celestial navigation
529 Chronology
530 Physics
531 Classical mechanics; solid mechanics
532 Fluid mechanics; liquid mechanics
533 Gas mechanics
534 Sound & related vibrations
535 Light & infrared & ultraviolet phenomena
536 Heat
537 Electricity & electronics
538 Magnetism
539 Modern physics
620 Engineering & allied operations
621 Applied physics