- Abel's Theorem on the Quintic
- Conics
- Continuum Hypothesis
- Chinese Remainder Theorem
- Riemann Hypothesis
- Doubling Cubes and Trisecting Angles
- Quaternions and Octonions
- Plane Curves
- Platonic Solids
- High Dimensional Geometry
- Knots
- Cryptography
- Topology
- Trigonometry in Astronomy and Navigation
- Measure and Integration
- Differential Forms and Maxwell's Equations
- Transcendental Numbers
- Even Zeta Values
- Curvature
- Any Hilbert Problem
- Any Millenium Problem