Navier-Stokes solutions ?

DIFFERENTIAL EQUATIONS

DISTRIBUTIONS

SPECTRAL THEORY

CALCULUS

CLASSICAL GAMES

STATISTICS

Three body problem?

CHAOS

CONTROL

| Finite topologies (*n*) | ?

M

Mandelbrot set path-connected ?

Unknotting number of connected sum ?

NUMERICAL

ANALYSIS

sink to surreal aquifer

Self-similar stream

TOPOLOGY

| Invertible 1,0 matrices (*n*) | ?

Hadamard determinant maximum ?

Polynomial Simplex methods ?

Inverse electrical network construction ?

FUNCTIONAL

LINEAR PROGRAMMING

Power Series Road

P = *NP* ?

SWAMP OF COMPLEXITY

Maze Solving in *P*?

Diffie-Hellman hard ?

SAT in *P* ?

ALGORITHMS

Contradiction Canal

Is NF consistent...w/ countable choice ?

LAKE OF LOGIC

SET THEORY

| Knots (*n*) | ?

Homotopy groups of spheres ?

Knot complement group calculation ?

Straights of Alg. Top.

KNOT ATOLL

Slice = Ribbon ?

Crossing number additive ?

Knot Concordance group torsion ?

NOT-KNOT SOUND

Cobordism-Tangle Hypothesis ?

Simpson's conjecture ?

Decidability Falls

Quantum meanders

digits of Ω ?

Busy-beaver (*n*) ?

POND OF COMPUTABILITY

ARITHMETIC

SEA OF CATEGORIES

sink to functorial aquifer

Representation Road

DARK FOREST

LINEAR ALGEBRA

Self-avoiding path

ALGEBRA

Enrichment aqueduct

Grand Canyon of Alg. Geom.

| Finite groups (*n*) | ?

Inverse Galois conjecture ?

| Patterned permutations | ?

RSA challenge ?

Legendre conjecture ?

Hodge conjecture ?

Dynamic Ferry

| Facets of the STSP | ?

| Facets of the Cut Polytope | ?

| Facets of the Flow Polytope | ?

| Facets of the Linear Ordering Polytope | ?

Convex Polytope Nets ?

Polynomial Hirsch conjecture ?

| Polyominoes (*n*) | ?

| 3D Polytopes with *n* facets | ?

Hamiltonian graphs ?

| Nets of the hypercubes (*n*) | ?

COMBINATORICS AND GRAPHS

Species Springs

Surreal Springs

GAMES

Ramsey numbers ?

Frequency Ferry

| Posets (*n*) | ?

| Transitive relations | ?

| Graphs (*n*) | ?

| Incidence geometries | ?

Moore graphs ?

| Finite projective planes | ?

Packing circles ?

| Line arrangements | ?

Covering squares ?

| Oriented Matroids | ?

Snaky achievement ?

Happy ending conjecture ?

Thrackle conjecture ?

Snake in a box ?

Chromatic number ?

| Kobon triangles | ?

Mahler conjecture ?

TROPICAL GEOMETRY

Catalan's *G* ?

π*e* ?

π + *e* ?

π ?

e ?

Ω ?

NORMAL LAGOON

GEOMETRY

IRRATIOIONAL INLET

NUMBER THEORY

Goldbach conjecture ?

Beale conjecture ?

| Mersenne primes | ?

Erdos-Moser solutions ?

| Odd perfects | ?

Taxicab numbers ?

Singmaster conjecture ?

Collatz conjecture ?

Factoring Ferry

| Twin primes | ?

| Fermat primes | ?

| Fibonacci primes | ?

| Constructible odd polygons | ?

Riemann Hypothesis ?

i - LAND

DIVISION ARCHIPELAGO

Catalan Ferry

Metric Space Ferry

Measure Theory Ferry

Contour Ferry

PROBABILITY