### "23 DIVERSE (BUT VERY OLD) IDEONOMIC LISTS"

- "196 Generic Concerns of Questions".
- "75 Universal Bases of Analogies".
- "257 Universal Genera of Things".
- "150 Bases of Definition".
  - "169 Universal Bases of Classification".
- "166 Generic Assumptions".
  - "49 Genera of Naughts (Potential Types of Nonexistent Things)".
- "137 Universal 'Patterns'".
- "396 Generic Processes".
  - "52 Criteria For Proof".
  - "59 Types of Concerns of Relationships".
- "133 Generic Sequences and Series".
  - "140 Generic Concerns of Surprises".
- -> "150 Generic Discoveries".
  - "152 Generic Evils".
  - "A Cloud's Myriontographic Portrait (62 Things 'Any' Cloud Simultaneously Represents)".
  - "21 Categories of Inventions".
  - "The 51 Most Important Things [Created, Initiated, Founded, and Proposed]".
  - "45 Things Technology Can Do To Things (Read, 'It Can [Item] Them.')".
  - "11 Things Technology Can Act Upon Or Involve".
  - "99 Elements and Dimensions That Define and Describe Trees".
  - "72 Cave Analogs".
  - "72 Generic Properties of The Archanalogon 'Cave' and Its Analogs".

### "196 GENERIC CONCERNS OF QUESTIONS"

- 1. Ability.
- 2. Abnormality.
- 3. Action (the process).
- 4. Adequacy.
- 5. Ambiguity.
- 6. Analogy.
- 7. Analysis.
- 8. Anomaly.
- 9. Answer.
- 10. Appropriateness.
- 11. Asymmetry.
- 12. Average.
- 13. Best.
- 14. Better.
- 15. Capacity.
- 16. Catalogy.
- 17. Cause.
- 18. Certainty.
- 19. Change.
- 20. Characterization.
- 21. Chronology.
- 22. Combinability.
- 23. Compatibility.

- 24. Completeness.
- 25. Complexity.
- 26. Concatenate.
- 27. Consequence.
- 28. Construction.
- 29. Content.
- 30. Corollaries.
- 31. Cost.
- 32. Danger.
- 33. Date.
- 34. Deception.
- 35. Defect.
- 36. Degree.
- 37. Destination.
- 38. Development.
- 39. Direction.
- 40. Disprediction (negative prediction).
- 41. Dissimilarity.
- 42. Distribution.
- 43. Diversity.
- 44. Past, present, or future duration.
- 45. Effect.
- 46. Effectiveness.
- 47. Efficiency.
- 48. End.
- 49. Equality.
- 50. Equivalence.
- 51. Error.
- 52. Essence.
- 53. Excellence.
- 54. Exemplification.
- 55. Explanation.
- 56. Extent.
- 57. External form.
- 59. Fallacy.
- 60. Falsehood.
- 61. Fate.
- 62. Findability.
- 63. Finding.
- 64. Finitude.
- 65. Function.
- 66. Fundamentality.
- 67. Futuribles.
- 68. Goal.
- 69. Heterogeneity.
- 70. History.
- 71. Homogeneity.
- 72. Identity.
- 73. Ignorance.
- 74. Illusion.
- 75. Implications.
- 76. Imponderability.
- 77. Importance.
- 78. Impossibility.
- 79. Improbability.
- 80. Inadequacy.

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81. Inappropriateness.
  82. Incombinability.
  83. Incompatibility.
  84. Individuality.
  85. Infinitude.
  86. Instability.
  87. Instance.
 88. Insufficiency.
 89. Intention (e.g., of the questioner or others).
 90. Internal structure.
 91. Interpretation.
 92. Invariance.
 93. Irrelevance.
 94. Knowledge of.
 95. Law.
 96. Limitation.
 97. Location.
 98. Manner.
 99. Meaning.
100. Measurability.
101. Measurement.
102. Mechanism.
103. Membership.
104. Method.
105. Misconception.
106. Model safety.
107. Mystery.
108. Nature.
109. Need.
110. Non-equality.
111. Non-equivalence.
112. Non-fundamentality.
113. Non-identity.
114. Non-proportionality.
115. Non-universality.
116. Normal.
117. Nullity.
118. Object.
119. Oppositeness.
120. Optimum.
121. 'Order'.
122. Origin.
123. Pathology.
124. Peculiarity.
125. Perception (the perceptual process itself).
126. Perfection.
127. Permanence.
128. Pessimum.
129. Plan.
130. Population.
131. Possibility.
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133. Power. 134. Prediction.

132. Potentiality.

135. Priority.

136. Probability.

137. Problem.

138. Procedure.

- 139. Process.
- 140. Properties.
- 141. Proportionality.
- 142. Purpose.
- 143. Qualities.
- 144. Range.
- 145. Rate.
- 146. Reality.
- 147. Reason.
- 148. Regularity.
- 149. Relationship.
- 150. Relevance.
- 151. Repair.
- 152. Replaceability.
- 153. Representation.
- 154. Role.
- 155. Scenarios.
- 156. Scheduling.
- 157. Sequence.
- 158. Significance.
- 159. Similarity.
- 160. Simplicity.
- 161. Size.
- 162. Solution.
- 163. Spectrum.
- 164. Stability.
- 165. Strain.
- 166. Strategy.
- 167. Stress.
- 168. Style.
- 169. Sufficiency.
- 170. Symmetry.
- 171. Synthesis.
- 172. System.
- 173. Tactic.
- 174. Tendency.
- 175. The future.
- 176. The uncogitated.
- 177. Thought (the process).
- 178. Timing.
- 179. Total number.
- 180. Traits.
- 181. Transience.
- 182. Transposability.
- 183. Treatment.
- 184. Trend.
- 185. Truth.
- 186. Typicality.
- 187. Ultimacy.
- 188. Uncertainty.
- 189. Universality.
- 190. Use.
- 191. Utility.
- 192. Velocity.
- 193. Way.
- 194. Wear.
- 195. Worse.
- 196. Worst.

### "75 UNIVERSAL BASES OF ANALOGIES"

- 1. Accompaniments.
- 2. Analogues.
- 3. Associations.
- 4. Behaviors.
- 5. Boundaries.
- 6. Causes.
- 7. Chemistries.
- 8. Colors, sensa, or phenes.
- 9. Controls.
- 10. 'Cousins'.
- 11. Cycles.
- 12. Development.
- 13. Disintegrations.
- 14. Distributions.
- 15. Effects.
- 16. Ends.
- 17. Energies.
- 18. Environments, settings, or matrices.
- 19. Equilibria.
- 20. Exchanges.
- 21. Experiences.
- 22. External shapes.
- 23. Fates.
- 24. Forces.
- 25. Functions or roles.
- 26. Genera or cotaxa.
- 27. Groupings.
- 28. Growths.
- 29. Homologs.
- 30. Ignorances about.
- 31. Implications.
- 32. Importances.
- 33. Inputs.
- 34. Interactions.
- 35. Internal processes.
- 36. Internal structures.
- 37. Laws.
- 38. Layers.
- 39. Life-spans.
- 40. Lineages, predecessors, or successors.
- 41. Locations.
- 42. Maintenances.
- 43. Mechanisms.
- 44. 'Memory of history'.
- 45. Morphogeneses.
- 46. Motions.
- 47. Nature.
- 48. Needs.
- 49. Negative analogies.
- 50. Opposites.
- 51. Origins.
- 52. Quantitative aspects.
- 53. Outputs.
- 54. Parts.

- 55. Populations.
- 56. Relationships.
- 57. Self-effects.
- 58. Self-relationships.
- 59. Sensitivities or influences on.
- 60. Sizes.
- 61. Species.
- 62. Stages.
- 63. States.
- 64. Substances.
- 65. Subsystems.
- 66. Surfaces.
- 67. Symmetries.
- 68. Synchronies.
- 69. Territories.
- 70. Textures.
- 71. 'Transcendent taxa'.
- 72. Transformations.
- 73. Utilities.
- 74. Variations.
- 75. Weights.

### "257 UNIVERSAL GENERA OF THINGS"

- 1. Accumulations or residues.
- 2. Adjustments, interadjustments or adaptations.
- 3. Algebraic curves.
- 4. Alternative (quasi-equivalent) calculations.
- 5. Analogies.
- 6. Analyses.
- 7. Anastomoses.
- 8. Anti-automorphisms.
- 9. Appearances.
- 10. Applications or uses.
- 11. Approximations.
- 12. Arguments.
- 13. Associations.
- 14. Assumptions or begged questions.
- 15. Autonomies.
- 16. Beliefs.
- 17. Boundaries.
- 18. By-products.
- 19. Catalysts or maximal effects of minimal causes/triggers.
- 20. Causes.
- 21. Chances.
- 22. Changes of changes of changes....
- 23. 'Circuits'.
- 24. Circumstances.
- 25. Clues.
- 26. Coevolutions or coderivations of all things.
- 27. Coincidences.
- 28. Coindications or consignifications.
- 29. Coinfinite reciprocal implications.
- 30. Combinations of things.
- 31. Complexities.
- 32. Compossibilities or alternatives.
- 33. Compounding misunderstandings.

- 34. Concauses.
- 35. Concepts or metaconcepts.
- 36. Configurations.
- 37. Conflicts or competitions.
- 38. Consistencies.
- 39. Constructions (from constructions).
- 40. Contacts or neighbors.
- 41. Contingencies.
- 42. Contradictions.
- 43. Controls.
- 44. Convergences.
- 45. Coordinated changes.
- 46. Correlations.
- 47. 'Costs' or 'prices'.
- 48. 'Co-distributions'.
- 49. 'Co-probabilities'.
- 50. Criticisms (appropriate or possible).
- 51. Cycles.
- 52. Definitions.
- 53. Degrees of freedom.
- 54. Densities, spacings or clusters.
- 55. Developments or geneses.
- 56. Differences or negative analogies.
- 57. Differentials or ratios.
- 58. Dimensions of science.
- 59. Discontinuities.
- 60. Disharmonies.
- 61. Distinctions, refinements or sub-possibilities.
- 62. Divergences.
- 63. Doubts.
- 64. Dynamics.
- 65. Effects.
- 66. Emergents.
- 67. Entropies, dissipations, losses, wastes or decays.
- 68. Epiphenomena.
- 69. Equilibria, disequilibria or metastabilities.
- 70. Equivalences.
- 71. Errors.
- 72. Examples, instantiations or cases.
- 73. Exceptions, anomalies or deviations.
- 74. Exchanges.
- 75. Explanations.
- 76. Exponential relationships.
- 77. Extremes, minima, maxima or optima.
- 78. Failures, successes or achievements.
- 79. Filters or selections.
- 80. 'First principles' or archelogies.
- 81. Flows.
- 82. Fluctuations or variations.
- 83. Forces or 'forces'.
- 84. Formulations.
- 85. Forms or morphological possibilities.
- 86. Foundations.
- 87. 'Games'.
- 88. Gaps, interstices, interspaces or intervals.
- 89. Generalizations, inductions, laws or consiliences.
- 90. Geometric relationships.
- 91. Gestalts or wholes.

- 92. 'Good luck'.
- 93. 'Goods' or agathological possibilities.
- 94. Groups.
- 95. Habits, averages or norms.
- 96. Heterarchies.
- 97. Heteronomies.
- 98. Hidden causes.
- 99. Hierarchies.
- 100. Higher mathematical levels.
- 101. Higher realities or ultrareals.
- 102. Historical events.
- 103. Hyperdimensional relationships, hypersurfaces or hyper-objects.
- 104. Ideas.
- 105. Identities.
- 106. Ideonomic structure or ideonomies.
- 107. Illusions.
- 108. Inefficiencies or efficiencies.
- 109. Inequalities.
- 110. 'Infinite complexities'.
- 111. Infinitesimals.
- 112. Infinities or transfinites.
- 113. Inflection points.
- 114. Interacting or complementary physical laws.
- 115. Interactions between, among, or within levels.
- 116. Interdependent events.
- 117. Interdisciplinary relationships.
- 118. Interferences, disturbances, perturbations, distortions or noises.
- 119. Internal structures or realities.
- 120. Invariants or persistences.
- 121. Isopores.
- 122. Jumps.
- 123. Justifications or excuses.
- 124. Knowledge.
- 125. Levels of covariables.
- 126. Levels of probabilities.
- 127. Limits.
- 128. Linearities.
- 129. Pure logical modalities.
- 130. Logical premises, relationships or implications.
- 131. Manifolds.
- 132. Mathematical 'catastrophes'.
- 133. Mathematical expansions.
- 134. Mathematical functions.
- 135. Mathematical products.
- 136. Matrices or lattices.
- 137. Means.
- 138. Mechanisms or systems.
- 139. Metalogical possibilities.
- 140. Meta-patterns.
- 141. Methods.
- 142. Modules.
- 143. Mogology or the most difficult things.
- 144. Morphodynamics.
- 145. Morphogeneses.
- 146. Motions or movements.
- 147. Multiplexings.
- 148. Multivariates or multidimensional scalings.
- 149. Myriontology.

- 150. Myrioramic possibilities.
- 151. Natural information or 'physical information'.
- 152. 'Needs' or 'wants'.
- 153. Negations, consequences thereof or constructions therefrom.
- 154. Neglects.
- 155. Networks (examples or types).
- 156. Niveaus.
- 157. Nonlinearities (finite or infinite).
- 158. Nullities or things a thing is not.
- 159. Number-theoretic relationships.
- 160. Obviations.
- 161. Omnological possibilities.
- 162. Operations, operators or operands.
- 163. Orientations.
- 164. Origins or starts.
- 165. "Pan-truth".
- 166. Paradigms.
- 167. Paradoxes.
- 168. Partitions.
- 169. Parts or contents.
- 170. Periodicities or automorphisms.
- 171. Permutations.
- 172. Perspectives.
- 173. Phenes of any or all appearance.
- 174. Phenomena.
- 175. Physical entities.
- 176. Physical states.
- 177. Physical quantities, quantitative relationships or equations.
- 178. Plenological possibilities.
- 179. Plenum of all possible futures or futuribles (the).
- 180. Plexures.
- 181. Pluralism or pan-ideisms.
- 182. Positive, negative or neutral chains of consequences.
- 183. Potentials.
- 184. Preconditions.
- 185. Predictions.
- 186. Present (the).
- 187. Problems.
- 188. Processes.
- 189. Progressive unities.
- 190. Propagations or transportations.
- 191. Pseudodoxes or fallacies.
- 192. Questions, answers or questions-cum-answers.
- 193. Randomnesses.
- 194. Realms, domains, loci, regimes or environments.
- 195. Reasons for a thing.
- 196. Recursions or iterations.
- 197. Reductions or regressions.
- 198. Regularities.
- 199. Relationships.
- 200. Relativities.
- 201. Relaxations.
- 202. Representations or models.
- 203. Retrodictions.
- 204. 'Risks' or 'dangers'.
- 205. Roles or importances.
- 206. Rules or procedures.
- 207. Scale-invariances.

- 208. Scenarios.
- 209. Self-relationships or self-effects.
- 210. Senses, interpretations or hermeneutics.
- 211. Sensitivities.
- 212. Sensa or perceptions.
- 213. Sequences or series.
- 214. Sets of descriptors.
- 215. Side effects.
- 216. Simplicities.
- 217. Singularities.
- 218. Solutions.
- 219. Sources of knowledge.
- 220. Specializations.
- 221. Spectra.
- 222. Standards, yardsticks or measures.
- 223. Statistics.
- 224. Stoichiometries.
- 225. 'Stories' or 'metastories'.
- 226. Stresses, strains, fragilities, weaknesses or strengths.
- 227. Subjects, subfields, superfields or transsubjects.
- 228. Substitutions.
- 229. Subtleties or nuances.
- 230. Superpositions.
- 231. Surprises.
- 232. Symmetries, asymmetries or symmetries-cum-asymmetries.
- 233. Sympodia.
- 234. Synchronous events or syndromies.
- 235. Syncrises or antisyzygies.
- 236. Synecdochies.
- 237. Synergisms.
- 238. Syntheses.
- 239. Taxonomies of categories of taxons of types of things.
- 240. Tendencies.
- 241. Tests.
- 242. Theories, hypotheses or speculations.
- 243. Thresholds or transitions.
- 244. Time asymmetries.
- 245. Topological relationships.
- 246. Traces of events.
- 247. Transcendental numbers.
- 248. Transcendents or transcendent possibilities.
- 249. Transformations or intertransformations.
- 250. Trees, bifurcations or branches.
- 251. Types, taxa, or categories of order.
- 252. Ultimate things, relationships or events (eschatology).
- 253. Uncertainties or indeterminacies.
- 254. Unities.
- 255. Unknowns or ignorances.
- 256. Vergences.
- 257. Virtuals.

#### "150 BASES OF DEFINITION"

- 1. Absolutization.
- 2. Abstraction.
- 3. Ad hoc improvisation.
- 4. Anadescription.

- 5. Analogy.
- 6. Analysis.
- 7. Antithesis.
- 8. Application.
- 9. Archelogy or first principles.
- 10. Aspect.
- 11. Association.
- 12. Assumptions.
- 13. Attribution.
- 14. Autocorrelation.
- 15. 'Autology'.
- 16. Autonomy.
- 17. Axiology.
- 18. Axiomatization.
- 19. Behavior.
- 20. Capacity.
- 21. Cause.
- 22. Circumscription.
- 23. Classification.
- 24. Combination.
- 25. Conceptualization.
- 26. Concretization.
- 27. Conditionality.
- 28. Construction.
- 29. Content.
- 30. Context.
- 31. Convergence.
- 32. Converseness.
- 33. Correlation.
- 34. 'Cosmography'.
- 35. Co-definition.
- 36. Criteria or criteriology.
- 37. Criticism.
- 38. 'Cybernetics'.
- 39. Deduction.
- 40. Dependence.
- 41. Derivation.
- 42. Description.
- 43. Diagraming.
- 44. Difference or differentiation.
- 45. 'Dimensionalization'.
- 46. 'Disconnection' or isolation.
- 47. Divergence.
- 48. Diversification or diversity.
- 49. 'Doxology' or beliefs.
- 50. 'Ecology'.
- 51. Effect.
- 52. Elimination.
- 53. Epistemology.
- 54. Equalities.
- 55. Equivalence or virtuality.
- 56. Evaluation.
- 57. Examination.
- 58. Example.
- 59. Exclusion.
- 60. 'Exhaustion' (by enumeration, e.g.).
- 61. Exhibition.
- 62. Experimentation.

- 63. Explanation.
- 64. 'Explication' or exposition.
- 65. Extension.
- 66. Extreme.
- 67. Formulation.
- 68. Generalization.
- 69. Gestalt or holonomy.
- 70. Grouping.
- 71. Heteronomy.
- 72. History.
- 73. Homology.
- 74. Hyper-analogy.
- 75. 'Hyper-definition'.
- 76. Idealization.
- 77. Ignorance or unknowns.
- 78. Implications.
- 79. Independence.
- 80. Indexing.
- 81. Induction.
- 82. Inequalities.
- 83. Instantiation.
- 84. Interdependence.
- 85. Interrogation.
- 86. Intersection.
- 87. Intertransformations.
- 88. Inter-definition or interpolation.
- 89. Limitation, finitization, or pan-limitation.
- 90. Location.
- 91. Logicization.
- 92. Manipulation.
- 93. Mapping.
- 94. Mechanism.
- 95. Meta-analogy.
- 96. Meta-definition.
- 97. Minimization.
- 98. Modeling or simulation.
- 99. Myriontology.
- 100. Myrioramy.
- 101. Needs or requirements.
- 102. Negation.
- 103. Niche.
- 104. Omnology.
- 105. Operationalization.
- 106. Ordering.
- 107. Origin.
- 108. Simplification or oversimplification.
- 109. Pantology.
- 110. Perspective.
- 111. Possigraphy.
- 112. Prediction.
- 113. Principles.
- 114. Privation.
- 115. Procedure.
- 116. Proof.
- 117. Purpose.
- 118. Quantification.
- 119. Range.
- 120. Ranking.

- 121. Reaction.
- 122. Reciprocity (allelo-definition).
- 123. Recursion.
- 124. Reduction.
- 125. Relationship.
- 126. Relativization.
- 127. Restatement.
- 128. Restriction.
- 129. Sequencing or concatenation.
- 130. Speculation.
- 131. Standardization.
- 132. 'Stories'.
- 133. Stratification.
- 134. Structure.
- 135. Subsenses.
- 136. Symmetries.
- 137. Synecdochic detail.
- 138. Synthesis.
- 139. Systematic de-construction.
- 140. Systematization.
- 141. Termination.
- 142. Transcendence.
- 143. Transformation.
- 144. Typology.
- 145. Ultimates.
- 146. Uniquity, individuality, or idiography.
- 147. Universalization.
- 148. Utility.
- 149. Vergence.
- 150. What includes.

#### "169 UNIVERSAL BASES OF CLASSIFICATION"

- 1. Ability.
- 2. Achievement.
- 3. Activity.
- 4. Age.
- 5. Agency or factor.
- 6. Alternatives.
- 7. Amount.
- 8. Analogy.
- 9. Anomalousness, abnormality or deviation.
- 10. Aspects, features or details.
- 11. Assumptions.
- 12. Asymmetries.
- 13. Averages, norms, statistics or normality.
- 14. Behavior.
- 15. Bifurcation or dichotomies.
- 16. Boundaries.
- 17. Bounds.
- 18. Capacities.
- 19. Case.
- 20. Cause.
- 21. Changes.
- 22. Coactivity, concausation, synergism or cooperation.
- 23. Coincidences.
- 24. Combinations.

- 25. Comparison.
- 26. Complexity.
- 27. Composition or content.
- 28. Concept.
- 29. Concomitants or accompaniments.
- 30. Condition.
- 31. Conflicts.
- 32. Consignification.
- 33. Consistencies or conformity.
- 34. Constraints.
- 35. Contradictions.
- 36. Contrast.
- 37. Convenience or expedience.
- 38. Correlation.
- 39. Criteria.
- 40. Criticism.
- 41. Defects.
- 42. Degree.
- 43. Density.
- 44. Dependence.
- 45. Description or appearance.
- 46. Development.
- 47. Difference.
- 48. Distance.
- 49. Distribution.
- 50. Domain.
- 51. Duration.
- 52. Effect.
- 53. Elements.
- 54. Energy or force.
- 55. Environments.
- 56. Equalities.
- 57. Essence.
- 58. Event.
- 59. Evidence, clues or signs.
- 60. Excellence (quality or goodness).
- 61. Exceptions.
- 62. Exclusion.
- 63. External membership or inclusion.
- 64. Extremes (minima, maxima, or qualitative extremes).
- 65. Fits or concinnity.
- 66. Form.
- 67. Goals.
- 68. Guess.
- 69. Habit.
- 70. Harmonies.
- 71. Hierarchies.
- 72. History.
- 73. Hypotheses about.
- 74. Idealization.
- 75. Illusions.
- 76. Implications.
- 77. Importance.
- 78. Independence.
- 79. Inequalities.
- 80. Information.
- 81. Instance.
- 82. Instrument readings.

- 83. Interactions.
- 84. Interest.
- 85. Internal membership or inclusion.
- 86. Interpretation.
- 87. Interrelationships.
- 88. Laws.
- 89. Level.
- 90. Liabilities.
- 91. Lifetime.
- 92. Limitations.
- 93. Location.
- 94. Main distinguishing or distinctive features.
- 95. Manner.
- 96. Mass.
- 97. Means.
- 98. Mechanism.
- 99. Mental association.
- 100. Mereology.
- 101. Mode.
- 102. Modifications or variations.
- 103. Movement (velocity, structure of movement, etc).
- 104. Nearness.
- 105. Networks.
- 106. Occurrence.
- 107. Opposites or antinomies.
- 108. Optima.
- 109. Order, sequence, series or progression.
- 110. Orientation.
- 111. Origin.
- 112. Pairs.
- 113. Parts.
- 114. Paths or routes.
- 115. Perfection.
- 116. Permutations or transformations.
- 117. Persons (investigators, proponents, etc).
- 118. Perspectives.
- 119. 'Phylogeny' or coderivation.
- 120. Plans for or re.
- 121. Possibilities.
- 122. Potentiality.
- 123. Power.
- 124. Predictions, expectations, futuribles or futures.
- 125. Presuppositions.
- 126. Prevalence.
- 127. Priorities or scheduling.
- 128. Probabilities.
- 129. Problems.
- 130. Processes.
- 131. Progress.
- 132. Purpose.
- 133. Ranking.
- 134. Rate.
- 135. Realm.
- 136. Regime.
- 137. Region.
- 138. Regularities or periodicities.
- 139. Relation.
- 140. Representatives.

- 141. Requirements or needs.
- 142. Responses.
- 143. Role or function.
- 144. Rules.
- 145. Samples.
- 146. Scenarios.
- 147. Separability.
- 148. Simplicity.
- 149. Situations or circumstances.
- 150. Size.
- 151. Solutions.
- 152. Stage.
- 153. Subdivision.
- 154. Substructure.
- 155. Symmetries.
- 156. System.
- 157. Tendencies or trends.
- 158. Theme.
- 159. Theory.
- 160. Thresholds.
- 161. Time or chronology.
- 162. Treatment.
- 163. Type.
- 164. Ultimates.
- 165. Unifiability.
- 166. Units.
- 167. Utility.
- 168. Value.
- 169. Zone.

#### "166 GENERIC ASSUMPTIONS"

- 1. Absoluteness.
- 2. Accidentality.
- 3. Additivity.
- 4. Allness.
- 5. Alterability.
- 6. Appearance.
- 7. Applicability.
- 8. Appropriateness.
- 9. Arbitrariness.
- 10. Artificiality.
- 11. Associativity.
- 12. Attributability.
- 13. Autonomy.
- 14. Capacity.
- 15. Causation.
- 16. Clarity.
- 17. Classifiability.
- 18. Commutativity.
- 19. Competence.
- 20. Completeness.
- 21. Complexity.
- 22. Concreteness.
- 23. Consistency.
- 24. Containment.
- 25. Contingency.

- 26. Continuity.
- 27. Contradictoriness.
- 28. Controllability.
- 29. Correctness.
- 30. Definability.
- 31. Definiteness.
- 32. Delimitation.
- 33. Dependence.
- 34. Design.
- 35. Desirability.
- 36. Difference.
- 37. Directionality.
- 38. Dissipation.
- 39. Distributivity.
- 40. Divisibility.
- 41. Durability.
- 42. Effability.
- 43. Either/or-ness.
- 44. Elementariness.
- 45. Equality.
- 46. Equivalence.
- 47. Eternality.
- 48. Evitability.
- 49. Excellence.
- 50. Existence.
- 51. Explicability.
- 52. Extendability.
- 53. Familiarity.
- 54. Feasibility.
- 55. Finality.
- 56. Finitude.
- 57. Fitness.
- 58. Freedom.
- 59. Functionality.
- 60. Fundamentality.
- 61. Fungibility.
- 62. Generality.
- 63. Goodness.
- 64. Harmony.
- 65. Health.
- 66. Homogeneity.
- 67. Ideality.
- 68. Identity or oneness.
- 69. Imaginability.
- 70. Immobility.
- 71. Immutability.
- 72. Importance.
- 73. Improvability.
- 74. Increateness.
- 75. Independence.
- 76. Inevitability.
- 77. Inexhaustibility.
- 78. Inferiority.
- 79. Infinitude.
- 80. Innocuousness.
- 81. Integrality.
- 82. Intuitability.
- 83. Invulnerability or impregnability.

- 84. Irreconciliability.
- 85. Irreducibility.
- 86. Irrefutability.
- 87. Irrelevance.
- 88. Irreversibility.
- 89. Isolability.
- 90. Isotropy.
- 91. Knowledge.
- 92. Logicality.
- 93. Loveliness.
- 94. Meaning.
- 95. Measurability.
- 96. Monolithicness.
- 97. Monomorphism.
- 98. Multiplicity.
- 99. Mutability.
- 100. Naturalness.
- 101. Necessity.
- 102. Nonadditivity.
- 103. Nonexistence.
- 104. Non-qualification.
- 105. Normality.
- 106. Novelty.
- 107. Objectivity.
- 108. Origin.
- 109. Partness.
- 110. Perceptibility.
- 111. Perfectibility.
- 112. Perfection.
- 113. Plenitude.
- 114. Pluralism.
- 115. Possession.
- 116. Predictability.
- 117. Priority.
- 118. Probability.
- 119. Provenness.
- 120. Purposefulness.
- 121. Quantifiability.
- 122. Randomness.
- 123. Reducibility.
- 124. Regularity.
- 125. Relatedness.
- 126. Relevance.
- 127. Reliability.
- 128. Replaceability.
- 129. Representativeness.
- 130. Reproducibility.
- 131. Restriction.
- 132. Safety.
- 133. Security.
- 134. Self-consistency.
- 135. Similarity.
- 136. Simplicity.
- 137. Singleness-of-cause.
- 138. Soundness.
- 139. Specialness.
- 140. Spontaneity.
- 141. Stability.

- 142. Strength.
- 143. Sufficiency.
- 144. Suitability.
- 145. Superiority.
- 146. Supremacy.
- 147. Symmetry.
- 148. Testedness.
- 149. Tolerance.
- 150. Totality.
- 151. Transience.
- 152. Transitivity.
- 153. Trustworthiness.
- 154. Typicality.
- 155. Ultimacy.
- 156. Understanding.
- 157. Uniformity.
- 158. Uniqueness.
- 159. Unity.
- 160. Universality.
- 161. Utility.
- 162. Validity.
- 163. Value.
- 164. Verity.
- 165. Wholeness.
- 166. Wisdom.

## "49 GENERA OF NAUGHTS (Potential Types of Nonexistent Things)":

- 1. Abilities.
- 2. Analogs.
- 3. Appearances or sensa (associated with).
- 4. Behaviors.
- 5. Causes.
- 6. Changes.
- 7. Characteristics.
- 8. Combinations.
- 9. Commonalities.
- 10. Conditions.
- 11. Controls.
- 12. Correlations or connections.
- 13. Defects.
- 14. Degrees of freedom.
- 15. Differences.
- 16. Dimensions.
- 17. Effects.
- 18. Energies.
- 19. Environments.
- 20. Events.
- 21. Exceptions.
- 22. Extremes.
- 23. Forces.
- 24. Interactions.
- 25. Interdependences.
- 26. Knowledge.
- 27. Levels.
- 28. Limitations.
- 29. Mathematics.

- 30. Mechanisms.
- 31. Motions.
- 32. Needs.
- 33. Opportunities.
- 34. Opposites.
- 35. Parts.
- 36. Possibilities.
- 37. Processes.
- 38. Products or outputs.
- 39. Ranges.
- 40. Regimes.
- 41. Relationships.
- 42. Resources.
- 43. Senses.
- 44. Shapes or structures.
- 45. Sizes.
- 46. Solutions (to problems regarding).
- 47. Transcendences.
- 48. Trans-things.
- 49. Types.

#### "137 UNIVERSAL 'PATTERNS'"

- 1. Aftereffects.
- 2. Amplifiers.
- 3. Anamorphisms.
- 4. Anlagen.
- 5. Anomaly bursts.
- 6. Anonyms.
- 7. Armies.
- 8. Asymmetries.
- 9. Atavisms.
- 10. Banks.
- 11. Bidimensional spirals.
- 12. Boundaries.
- 13. Branches.
- 14. Camouflages or disguises.
- 15. Captures.
- 16. Chain reactions.
- 17. Challenges.
- 18. Circlings.
- 19. Circuitries.
- 20. Clocks.
- 21. Cloths.
- 22. Codings.
- 23. Collimations.
- 24. Combinations.
- 25. Competitions.
- 26. Conflicts.
- 27. Constellations or configurations.
- 28. Constructions.
- 29. Contents.
- 30. Continuities.
- 31. Contradictions.
- 32. Covers, surfaces, skins, or films.
- 33. Cybernetics.
- 34. Defects.

- 35. Discontinuities.
- 36. Disequilibria.
- 37. Dispositions.
- 38. Distributions.
- 39. Dominant or controlling tendencies.
- 40. Double helices.
- 41. Echoes.
- 42. Encapsulations.
- 43. Enchainments.
- 44. Enclosures.
- 45. Endostructures or skeletons.
- 46. Entourages.
- 47. Entropies.
- 48. Epiphenomena.
- 49. Equilibria.
- 50. Escapes.
- 51. Exostructures.
- 52. Explosions.
- 53. Failures.
- 54. Filters.
- 55. Fixations.
- 56. Flows.
- 57. Focusings.
- 58. Forces.
- 59. Fugues.
- 60. Functional divisions.
- 61. Hidings.
- 62. Hierarchies.
- 63. Imitations.
- 64. Imperfections.
- 65. Implosions.
- 66. Inequalities.
- 67. Insulations.
- 68. Interlinkages.
- 69. Inversions.
- 70. Islands.
- 71. Jams.
- 72. Junctions.
- 73. Labyrinths.
- 74. Landscapes.
- 75. Languages or symbols.
- 76. Lenses.
- 77. Levels.
- 78. Levers.
- 79. Masers.
- 80. Membranes.
- 81. Memories or memory systems.
- 82. Messages.
- 83. Metastabilities.
- 84. Mirrors.
- 85. Monies.
- 86. Negative feedbacks.
- 87. Neighborhoods.
- 88. Nexuses.
- 89. Nonequilibrium thermodynamics.
- 90. Nonsenses.
- 91. Non-spiral coils.
- 92. Obstacles.

- 93. Opposites.
- 94. Oscillations.
- 95. Packagings.
- 96. Parades.
- 97. Parallel processes.
- 98. Partial orderings.
- 99. Partitions.
- 100. Permutations.
- 101. Phase changes.
- 102. Plateaus or niveaux.
- 103. Positive feedbacks.
- 104. Potential energies.
- 105. Precursors.
- 106. Propagations.
- 107. Races.
- 108. Reactions.
- 109. Realms.
- 110. Regimes.
- 111. Representatives.
- 112. Resonances.
- 113. Resonant couplings.
- 114. Revenants.
- 115. Role specializations.
- 116. Seepages or leakages.
- 117. Self-antagonisms.
- 118. Sequelae.
- 119. Sequences.
- 120. Series.
- 121. Sheets.
- 122. Simplifications.
- 123. Societies.
- 124. States.
- 125. Strains.
- 126. Stratifications or multiple levels.
- 127. Stresses.
- 128. Symmetries.
- 129. Syntheses.
- 130. Systems.
- 131. Telescopings.
- 132. Traces.
- 133. Transformations.
- 134. Trees.
- 135. Tridimensional spirals.
- 136. Tunnelings.
- 137. Virtualities.

#### "396 GENERIC PROCESSES"

- 1. Abrasion.
- 2. Absorption.
- 3. Abuse.
- 4. Acceleration.
- 5. Activation.
- 6. Actualization or realization.
- 7. Adaptation.
- 8. Addition.
- 9. Adhesion.

- 10. Admission or acceptance.
- 11. Adulteration or corruption.
- 12. Advancing.
- 13. Aggradation.
- 14. Agitation.
- 15. Allocation.
- 16. Alternation.
- 17. Amplification.
- 18. Analysis.
- 19. Anastomosis.
- 20. Annihilation.
- 21. Approaching or arrival.
- 22. Arborescence.
- 23. Arrangement.
- 24. Ascent.
- 25. Assembling.
- 26. Assimilation.
- 27. Assistance, helping or facilitation.
- 28. Assortation or matching.
- 29. Attacking.
- 30. Attenuation or thinning.
- 31. Attraction.
- 32. Augmentation.
- 33. Averaging.
- 34. Avoidance.
- 35. Behaving turbulently.
- 36. Bending.
- 37. Birth or origination.
- 38. Bonding.
- 39. Borrowing.
- 40. Bouncing.
- 41. Branching.
- 42. Breaking or shattering.
- 43. Bridging or overpassing.
- 44. Burial or covering.
- 45. Capturing or catching.
- 46. Carrying or bearing.
- 47. Catalysis.
- 48. Cementation.
- 49. Centering.
- 50. Chain reaction or avalanche.
- 51. Chaining or concatenation.
- 52. Challenging.
- 53. Changing phase.
- 54. Changing state.
- 55. Circumnavigation.
- 56. Circumvallation or immuring.
- 57. Circumvention.
- 58. Classification.
- 59. Cleaning.
- 60. Climbing.
- 61. Closure or sealing.
- 62. Clustering.
- 63. Coalescence.
- 64. Coating.
- 65. Collapsing.
- 66. Collection.
- 67. Collision.

- 68. Combination.
- 69. Combustion.
- 70. Comminution or atomization.
- 71. Communication.
- 72. Compactification.
- 73. Comparison.
- 74. Compartmentation.
- 75. Competition.
- 76. Complication.
- 77. Compression.
- 78. Concausation.
- 79. Concentration.
- 80. Concreation.
- 81. Condensation.
- 82. Conduction.
- 83. Confinement.
- 84. Confluence.
- 85. Congregation.
- 86. Conquering.
- 87. Conservation.
- 88. Construction or building.
- 89. Continuation.
- 90. Controlling.
- 91. Convection.
- 92. Convergence.
- 93. Conversion.
- 94. Cooperation.
- 95. Copying.
- 96. Corrasion.
- 97. Correction or adjustment.
- 98. Correlation.
- 99. Corrosion.
- 100. Counting.
- 101. Creation.
- 102. 'Crystallization'.
- 103. Culmination.
- 104. Cutting.
- 105. Cycling.
- 106. Damping.
- 107. Dancing.
- 108. Decay, degeneration or deterioration.
- 109. Deceleration or retardation.
- 110. Decision-making.
- 111. Decomposition.
- 112. Decussation or crossing.
- 113. Definition.
- 114. Deflation.
- 115. Defocusing.
- 116. Delaying.
- 117. Deliquescence.
- 118. Denaturation.
- 119. Departure or leaving.
- 120. Depotentiation.
- 121. Deprivation.
- 122. Descent, sinking or falling.
- 123. Desorption.
- 124. Destabilization.
- 125. Destruction.

- 126. Development.
- 127. Diagenesis.
- 128. Dialectical development.
- 129. Dialectical interplay.
- 130. Differentiation.
- 131. Diffraction.
- 132. Digging.
- 133. Dilution.
- 134. Disappearance.
- 135. Disconnection.
- 136. Discovering.
- 137. Disguising.
- 138. Disintegration.
- 139. Dispersion.
- 140. Displacement.
- 141. Dissipation.
- 142. Dissolution.
- 143. Distortion.
- 144. Distribution.
- 145. Disturbance or perturbation.
- 146. Divergence.
- 147. Diversification.
- 148. Division.
- 149. Doing 'random walks'.
- 150. Drainage, emptying or evacuation.
- 151. Ducting, deflection or refraction.
- 152. Dying.
- 153. Effervescence or bubbling.
- 154. Efflorescence.
- 155. Elongation.
- 156. Enablement.
- 157. Enclosure.
- 158. Ending.
- 159. Energization.
- 160. Enlargement.
- 161. Enslavement or subordination.
- 162. Entering.
- 163. Equalization.
- 164. Equilibration.
- 165. Erosion.
- 166. Escaping.
- 167. Evasion.
- 168. Evaluation.
- 169. Evaporation.
- 170. Eversion.
- 171. Evolution.
- 172. Exchange or interchange.
- 173. Exclusion.
- 174. Expansion.
- 175. Expediting.
- 176 Experimentation.
- 177. Explosion.
- 178. Exploitation or using.
- 179. Exponentiation.
- 180. Expulsion.
- 181. Extension.
- 182. Extinction.
- 183. Extrusion or protrusion.

- 184. Fastening.
- 185. Fighting.
- 186. Filtration.
- 187. Finding or search.
- 188. Finishing or completion.
- 189. Fitting.
- 190. Flattening.
- 191. Flawing.
- 192. Flowing.
- 193. Focusing.
- 194. Following.
- 195. Forcing.
- 196. Forming.
- 197. Fracturing or cracking.
- 198. Fragmentation.
- 199. Freezing or solidification.
- 200. Fructification.
- 201. Fusion or unition.
- 202. Grouping.
- 203. Growth.
- 204. Heating.
- 205. Hiding.
- 206. Homogenization.
- 207. Hunting.
- 208. Imitation or emulation.
- 209. Implosion.
- 210. Improvement.
- 211. Improvisation.
- 212. Incapacitation.
- 213. Individuation.
- 214. Induction.
- 215. Inflation.
- 216. Initiation.
- 217. Insertion.
- 218. Inspection.
- 219. Integration.
- 220. Intensification.
- 221. Interaction.
- 222. Intercorrelation.
- 223. Interference.
- 224. Interlinking.
- 225. Interpretation.
- 226. Intervention.
- 227. Interweaving.
- 228. Invasion.
- 229. Invention or innovation.
- 230. Inversion.
- 231. Ionization.
- 232. Jamming or clogging.
- 233. Joining.
- 234. Knowing.
- 235. Leaching.
- 236. Levering.
- 237. Limitation.
- 238. Linking.
- 239. Loosening.
- 240. Lowering.
- 241. Maintenance.

- 242. Management or government.
- 243. Maturation.
- 244. Maximization.
- 245. Measurement.
- 246. Migration.
- 247. Minimization.
- 248. Misuse.
- 249. Mixing or commingling.
- 250. Moderation.
- 251. Modification.
- 252. Modulation.
- 253. Movement.
- 254. Multiplication or proliferation.
- 255. Mutation.
- 256. Narrowing.
- 257. Neutralization.
- 258. Nourishment.
- 259. Nutation or precession.
- 260. Opening.
- 261. Ordering or organization.
- 262. Oscillation.
- 263. Pacification.
- 264. Packaging.
- 265. Parasitization.
- 266. Partitioning.
- 267. Penetration.
- 268. Perception.
- 269. Perfection.
- 270. Perforation.
- 271. Permeation.
- 272. Permutation.
- 273. Perpetuation.
- 274. Perversion.
- 275. Potentiation.
- 276. Preceding.
- 277. Preparation or readying.
- 278. Preservation.
- 279. Prevention.
- 280. Procurement or acquisition.
- 281. Promotion.
- 282. Propagation.
- 283. Proportionation.
- 284. Propulsion or driving.
- 285. Protection.
- 286. Pulling.
- 287. Pulverization.
- 288. Purification.
- 289. Pushing.
- 290. Quiescence.
- 291. Racing.
- 292. Raising.
- 293. Reaction.
- 294. Reallocation.
- 295. Reapportionment.
- 296. Rearrangement.
- 297. Reciprocation.
- 298. Recording.
- 299. Recrudescence.

- 300. Recurrence.
- 301. Recycling.
- 302. Redefinition.
- 303. Redirection.
- 304. Reduction.
- 305. Refocusing.
- 306. Refrigeration or cooling.
- 307. Reinforcement.
- 308. Releasing or emancipation.
- 309. Remembrance.
- 310. Removal or extraction.
- 311. Renormalization.
- 312. Repair.
- 313. Repayment.
- 314. Repetition or iteration.
- 315. Replacement.
- 316. Repulsion.
- 317. Resonating.
- 318. Restraining or holding.
- 319. Retrogression or reversion.
- 320. Returning.
- 321. Reversal.
- 322. Re-emergence.
- 323. Re-energizing or refueling.
- 324. Re-equilibration.
- 325. Re-surfacing.
- 326. Rolling.
- 327. Rotation.
- 328. Saturation.
- 329. Scattering.
- 330. Scraping.
- 331. Seepage or leakage.
- 332. Segregation.
- 333. Selection.
- 334. Self-interaction.
- 335. Self-organization.
- 336. Self-reproduction.
- 337. Separation.
- 338. Sequencing.
- 339. Shaping, molding or sculpturing.
- 340. Shrinkage or contraction.
- 341. Signaling.
- 342. Simplification.
- 343. Sliding.
- 344. Smoothing.
- 345. Sophistication or refinement.
- 346. Spiraling.
- 347. Splining.
- 348. Splitting.
- 349. Spreading.
- 350. Stacking or piling.
- 351. Standardization or unitization.
- 352. Stoppage.
- 353. Storage.
- 354. Stratification.
- 355. Strengthening.
- 356. Stressing or straining.
- 357. Stretching.

- 358. Struggle. 359. Studying.
- 360. Stuffing.
- 361. Submersion or immersion.
- 362. Substitution.
- 363. Subtraction.
- 364. Subversion.
- 365. Sucking.
- 366. Surrounding.
- 367. Suspension or interruption.
- 368. Systematization.
- 369. Tearing.
- 370. Testing.
- 371. Theft.
- 372. Thickening.
- 373. Tightening.
- 374. Tilting.
- 375. Timing or retiming.
- 376. Transcendence.
- 377. Transformation.
- 378. Transmission.
- 379. Transmutation.
- 380. Transporting.
- 381. Triggering.
- 382. Tubulation.
- 383. Tunneling.
- 384. Twisting.
- 385. Unfoldment.
- 386. Unification.
- 387. Uniformization.
- 388. Variation or fluctuation.
- 389. Vergence.
- 390. Vibration.
- 391. Virtualization.
- 392. Wandering or meandering.
- 393. Weakening.
- 394. Weaving.
- 395. Winding.
- 396. Withdrawal or recession.

### "52 CRITERIA FOR PROOF"

- 1. Acceptance.
- 2. Applicability.
- 3. Autonomy.
- 4. Beauty or aesthetics.
- 5. Clarity.
- 6. Comprehensibility.
- 7. Concinnity or harmoniousness.
- 8. Consistency.
- 9. Constructibility.
- 10. Controllability.
- 11. Correspondence.
- 12. Definability.
- 13. Demonstrability (producibility).
- 14. Efficacy.
- 15. Elegance.

- 16. 'Equivalence' or symmetry.
- 17. Exactness.
- 18. Explanatory power.
- 19. Falsifiability.
- 20. Freedom from ambiguity.
- 21. Fundamentality.
- 22. Generality.
- 23. Generalizability.
- 24. 'Greatness' or 'majesty'.
- 25. Inalterability.
- 26. Indispensability.
- 27. Intuitive appeal or rightness.
- 28. Irreducibility.
- 29. Irreplaceability.
- 30. Isolability.
- 31. Logical rigor or logical perfection.
- 32. Meaningfulness.
- 33. Multidimensionality-of-evidence.
- 34. Naturalness (non-artificiality).
- 35. 'Non-equivalence'.
- 36. Objectivity.
- 37. 'Orderingness'.
- 38. Power.
- 39. Predictability.
- 40. Preexistence.
- 41. Rationality.
- 42. Regularity.
- 43. Reliability.
- 44. Reproducibility.
- 45. Simplicity.
- 46. Sufficiency.
- 47. Transcendentality.
- 48. Ultimacy.
- 49. Unfalsifiability.
- 50. Uniqueness.
- 51. Universality.
- 52. Utility.

# "59 TYPES OF CONCERNS OF RELATIONSHIPS"

- 1. Analogy.
- 2. Antagonism.
- 3. Applicability.
- 4. Aspect.
- 5. Cause.
- 6. Choice.
- 7. Classification.
- 8. Combinability.
- 9. Componentry.
- 10. Consequence.
- 11. Contrast.
- 12. Definition.
- 13. Degree of freedom.
- 14. Dependence.
- 15. Destiny.
- 16. Differentiation.
- 17. Dimension.

- 18. Distinction.
- 19. Effect.
- 20. Equivalence.
- 21. Event.
- 22. Evidence.
- 23. Exemplification.
- 24. Exposition.
- 25. Flow.
- 26. Grouping.
- 27. Hierarchy.
- 28. Homology.
- 29. Idea.
- 30. Importance.
- 31. Independence.
- 32. Inspiration.
- 33. Interdependence.
- 34. Interest.
- 35. Location.
- 36. Logical condition.
- 37. Logical implication.
- 38. Logical modality.
- 39. Logical presupposition.
- 40. Logical succession.
- 41. Measure.
- 42. Motion.
- 43. Origin.
- 44. Possibility.
- 45. Probability.
- 46. Qualification.
- 47. Relevance.
- 48. Route.
- 49. Sequence.
- 50. Series.
- 51. Similarity.
- 52. Structure.
- 53. Synergism.
- 54. Systematization.
- 55. Tactic.
- 56. Time.
- 57. Transformation.
- 58. Use.
- 59. Value.

# "133 GENERIC SEQUENCES AND SERIES"

- 1. Accelerations.
- 2. Accretions.
- 3. Achievements.
- 4. Additions.
- 5. Adjustments.
- 6. Alternatives.
- 7. Analogies.
- 8. Appearances.
- 9. Approximations.
- 10. Arguments.
- 11. Asymmetries.
- 12. Attitudes.

- 13. Behaviors.
- 14. Boundaries.
- 15. Catalogies.
- 16. Causes.
- 17. Challenges.
- 18. Changes.
- 19. Characterizations.
- 20. Circumstances.
- 21. Clues.
- 22. Combinations.
- 23. Conditions.
- 24. Constants.
- 25. Constructions.
- 26. Contingencies.
- 27. Controls.
- 28. Convergences.
- 29. Convolutions.
- 30. Copies.
- 31. Correlations or intercorrelations.
- 32. Cosmological epochs or cycles.
- 33. Data.
- 34. Decelerations.
- 35. Decisions.
- 36. Deductions, corollaries or derivations.
- 37. Defects.
- 38. Degrees.
- 39. Dependences.
- 40. Deteriorations.
- 41. Dimensions.
- 42. Disasters.
- 43. Discontinuities.
- 44. Discoveries.
- 45. Disequilibria.
- 46. Disproofs.
- 47. Divergences.
- 48. Divisions.
- 49. Effects.
- 50. Emotions.
- 51. Enclosures.
- 52. Energy levels.
- 53. Environments.
- 54. Equilibria.
- 55. Eras.
- 56. Errors.
- 57. Events.
- 58. Expansions (mathematical or analogous).
- 59. Experiments.
- 60. Explanations.
- 61. Forms or patterns.
- 62. Futures or futuribles.
- 63. Goals.
- 64. Ideas.
- 65. Illusions.
- 66. Imitations or emulations.
- 67. Improvements.
- 68. Inductions or generalizations.
- 69. Insights.
- 70. Instabilities.

- 71. Integrations.
- 72. Interactions.
- 73. Landscapes.
- 74. Laws.
- 75. Layers.
- 76. Lessons.
- 77. Levels.
- 78. Limits.
- 79. Losses.
- 80. Metastabilities.
- 81. Movements or motions.
- 82. Needs.
- 83. Negations.
- 84. Negations-and-reconstructions.
- 85. Niveaux.
- 86. Numbers.
- 87. Objects.
- 88. Opportunities.
- 89. Orderings (progressive).
- 90. Parts.
- 91. Perfections.
- 92. Perspectives.
- 93. Possibilities.
- 94. Preconditions.
- 95. Problems.
- 96. Processes.
- 97. Products (mathematical).
- 98. Proofs.
- 99. Qualifications.
- 100. Questions.
- 101. Rates.
- 102. Reactions.
- 103. Redistributions.
- 104. Reductions.
- 105. Relationships.
- 106. Representations.
- 107. Responses.
- 108. Rules.
- 109. Sensa or percepts.
- 110. Sequences or series.
- 111. Shortcuts.
- 112. Simplifications.
- 113. Solutions.
- 114. States.
- 115. Substitutions.
- 116. Subtractions.
- 117. Surprises.
- 118. Symmetries.
- 119. Syntheses.
- 120. Systems.
- 121. Tests.
- 122. Themes.
- 123. Thoughts.
- 124. Thresholds.
- 125. Transcendences.
- 126. Transformations.
- 127. Treatments.
- 128. Truths.

- 129. Types.
- 130. Vergences.
- 131. Versions.
- 132. Vistas.
- 133. 'Wholes'.

# "140 GENERIC CONCERNS OF SURPRISES"

- 1. Abilities.
- 2. Advantages.
- 3. Alternatives.
- 4. Ambiguity.
- 5. Antagonism, interference or disturbance.
- 6. Antisyzygies.
- 7. Appropriateness.
- 8. Asymmetries.
- 9. Blessing in disguise.
- 10. Breakdown.
- 11. Cause.
- 12. Centrality.
- 13. Cessations.
- 14. Chain or course of events.
- 15. Circumvention.
- 16. Coincidence.
- 17. Complementarity.
- 18. Complexity or complications.
- 19. Concinnity.
- 20. Connections.
- 21. Consequences.
- 22. Consignificance.
- 23. Conspiracies.
- 24. Cost.
- 25. Criticality.
- 26. Decay.
- 27. Defects or flaws.
- 28. Delay.
- 29. Denouements.
- 30. Dependence.
- 31. 'Details'.
- 32. Differences or distinctions.
- 33. Difficulty.
- 34. Dimensions.
- 35. Disadvantages.
- 36. Disaster.
- 37. Discontinuity.
- 38. Discoveries.
- 39. Disorder, randomness, chaos or anarchy.
- 40. Ease.
- 41. Effects or impact.
- 42. Ephemerality or transience.
- 43. Equivalence.
- 44. Evil.
- 45. Evitability or indeterminism.
- 46. Facilitation.
- 47. Failure.
- 48. Falsehoods.
- 49. Folly.

- 50. 'Forces'.
- 51. Fragility, vulnerability or weakness.
- 52. Freedom.
- 53. Fundamentality.
- 54. Good luck.
- 55. Guilt.
- 56. Ideality.
- 57. Identity.
- 58. Ignorance.
- 59. Illusions.
- 60. Incompetence.
- 61. Independence.
- 62. Innocence.
- 63. Innovations.
- 64. Insight.
- 65. Insolubility.
- 66. Interdependence.
- 67. Interpretation.
- 68. Inversions.
- 69. Kinds.
- 70. Lack of control.
- 71. Limits.
- 72. Loss.
- 73. Meaning.
- 74. Methods.
- 75. Misconceptions.
- 76. Misperceptions.
- 77. Mistakes.
- 78. Multidimensionality.
- 79. Myths.
- 80. Necessity, inevitability or determinism.
- 81. Nonlinearities.
- 82. Nonsense.
- 83. Numbers.
- 84. Obsolescence.
- 85. Obviations.
- 86. Opportunity.
- 87. Order (sequence).
- 88. Organization, pattern or type of order.
- 89. Permeability, penetrability or accessibility.
- 90. Perspective.
- 91. Position or location.
- 92. Power.
- 93. Practicality.
- 94. Proofs or provability.
- 95. Realms.
- 96. Reason.
- 97. Recurrence.
- 98. Resemblance or similarities.
- 99. 'Resonances'.
- 100. Resources.
- 101. Retrogression.
- 102. Revelation.
- 103. Reversal.
- 104. Revivals.
- 105. Revolutions.
- 106. Risk or hazard.
- 107. Role.

- 108. Self-effects.
- 109. 'Self-importance'.
- 110. Self-unimportance.
- 111. Shortcut.
- 112. Side effects.
- 113. Simplicities.
- 114. Simplifications.
- 115. 'Singularities'.
- 116. Solutions.
- 117. Stratification.
- 118. Strength, toughness or vitality.
- 119. Stumbles.
- 120. Substitution.
- 121. Subversion.
- 122. Suddenness or acceleration.
- 123. Sufficiency.
- 124. Survival, durability, persistence or hardihood.
- 125. Susceptibility.
- 126. Symmetries.
- 127. Synergism.
- 128. Terminations, endings or disappearances.
- 129. Transcendentality.
- 130. Transformation.
- 131. Transitions.
- 132. Transmission.
- 133. Triviality or unimportance.
- 134. Ugliness.
- 135. 'Undecidability'.
- 136. Universality.
- 137. Use.
- 138. Value.
- 139. Wealth.
- 140. Worthlessness.

## "150 GENERIC DISCOVERIES"

- 1. Absolute.
- 2. Alternative.
- 3. Ambiguity.
- 4. Analogy.
- 5. Anomaly.
- 6. Answer.
- 7. Antisyzygy.
- 8. Application.
- 9. Axiom.
- 10. Boundary.
- 11. Capability.
- 12. Case.
- 13. Category.
- 14. Cause.
- 15. Centrality.
- 16. Circumstance.
- 17. Classification (e.g., proper).
- 18. Clue or sign.
- 19. Combination.
- 20. Complementarity.
- 21. Complexity.

- 22. Concept.
- 23. Concinnity.
- 24. Configuration.
- 25. Connection.
- 26. Consequence.
- 27. Constant.
- 28. Contradiction.
- 29. Correlelation.
- 30. Counterexample.
- 31. Counter-paradigm.
- 32. Defect.
- 33. Dependence.
- 34. Dialectic.
- 35. Difference.
- 36. Different sense.
- 37. Dimension.
- 38. Discontinuity.
- 39. Domain.
- 40. Dynamic.
- 41. Effect.
- 42. Elegance or beautiful thing.
- 43. Element.
- 44. Equivalence.
- 45. Equivalent.
- 46. Error.
- 47. Essence.
- 48. Evidence.
- 49. Evolution.
- 50. Example.
- 51. Exception.
- 52. Experiment.
- 53. Extension.
- 54. Externality.
- 55. Fallacy.
- 56. Finite.
- 57. Force.
- 58. Function.
- 59. Fundamental.
- 60. Generalization.
- 61. Gestalt.
- 62. Greater efficiency.
- 63. Hierarchy.
- 64. Ignorance.
- 65. Illusion.
- 66. Importance.
- 67. Improvement or refinement.
- 68. Instance.
- 69. Instrument.
- 70. Interdisciplinary relationship.
- 71. Law.
- 72. Level.
- 73. Limit.
- 74. Logic.
- 75. Manner or style.
- 76. Meaning (of law, principle, behavior, pattern, etc).
- 77. Mean.
- 78. Measure.

- 79. Mechanism.
- 80. Medium.
- 81. Meta-pattern.
- 82. Methodology.
- 83. Misconception.
- 84. Model.
- 85. Modification.
- 86. Need.
- 87. Negative.
- 88. Neglect.
- 89. Neighborhood.
- 90. Niveau.
- 91. Nullity or anontology.
- 92. Omission or plenology.
- 93. Opportunity.
- 94. Opposite.
- 95. Origin.
- 96. Paradigm.
- 97. Paradox.
- 98. Partition.
- 99. Pattern.
- 100. Permutation.
- 101. Phenomenon.
- 102. Potentiality.
- 103. Principle.
- 104. Problem.
- 105. Procedure.
- 106. Proof.
- 107. Property.
- 108. Quantity.
- 109. Question.
- 110. Realm.
- 111. Recurrence.
- 112. Reduction.
- 113. Refutation.
- 114. Regime.
- 115. Relationship.
- 116. Relativity.
- 117. Representation.
- 118. Resource.
- 119. Rule.
- 120. Scale.
- 121. Simplicity.
- 122. Simplification.
- 123. Solution.
- 124. Space.
- 125. Specialization.
- 126. Structure of (a relevant) discipline.
- 127. Subfield.
- 128. Subtlety.
- 129. Synergism.
- 130. Synthesis.
- 131. Taxonomy.
- 132. Technique.
- 133. Test.
- 134. Threshold.
- 135. Trace.
- 136. Transcendent.

- 137. Transformation.
- 138. Type.
- 139. Ultra-fundamental.
- 140. Uncertainty.
- 141. Unity.
- 142. Universal.
- 143. Use.
- 144. Value.
- 145. Variable.
- 146. Variant.
- 147. Virtual.
- 148. Whole.
- 149. Wisdom.
- 150. World view.

### "152 GENERIC EVILS"

DEFINITION OF 'EVIL': Whatever is [bad, harmful, costly, destructive, negative, undesirable, wrong, or the like] -- to anything whatever -- in any way -- in any degree. The term may apply both to animate and inanimate phenomena, or to 'their point of view'. The concept is purely relative, except insofar as various integrals may be taken over all identifiable bads and these integrals may compete for the supreme degree of goodness.

- 1. Abuse [of alcohol, drugs, machines, opportunities, privileges, talents, one's body, knowledge, etc].
- 2. Aggression or conflict.
- 3. Aimlessness.
- 4. Anomie (pathological normlessness) or alienation.
- 5. Anxiety.
- 6. Bad habits.
- 7. Bad manners or gracelessness.
- 8. Bad, inadequate, or nonexistent exemplars or models.
- 9. Brutality.
- 10. Chaos.
- 11. Characterlessness.
- 12. Cheating.
- 13. Civilization's infantility.
- 14. Complacency.
- 15. Compromise (where expedient or mistaken).
- 16. Confusion of means and ends.
- 17. Cowardice.
- 18. Crime.
- Crowding or overpopulation.
- 20. Cruelty (conscious or unconscious).
- 21. Culturelessness, barbarism, or backwardness (e.g. öof Third World).
- 22. Cynicism.
- 23. Dangerous tendencies.
- 24. Deculturation or retrogression.
- 25. Dehumanization or demoralization.
- 26. Delusion, error, illusion, fantasy, blindness, or self-deception.
- 27. Denaturation.
- 28. Denial of rights.
- 29. Disaster (natural or man-made).
- 30. Discrepant values, cultures, weltanschauungen, customs, beliefs, etc.
- 31. Disease, illness, or infirmity.
- 32. Disharmony generally.

- 33. Distrust.
- 34. Dogmatism.
- 35. Ecological disruption, damage, annihilation, or nullity.
- 36. Empty formalism, rituals, etc.
- 37. Escapism.
- 38. Excessive haste.
- 39. Excessive homogeneity.
- 40. Excessive rate of change.
- 41. Excessive self-indulgence.
- 42. Exploitation of man.
- 43. Extremism.
- 44. Failure.
- 45. Fakery, fraudulence, deception, hypocrisy, or pretentiousness.
- 46. Family disintegration.
- 47. Fanaticism.
- 48. Frustration, futility, or impotence (powerlessness).
- 49. Hatred.
- 50. Hubris.
- 51. Human emotionality.
- 52. Human instability.
- 53. Human nature.
- 54. Human perversity.
- 55. Hypersensitivity.
- 56. Hypochondria (imaginary ailments), malaise, or weltschmerz.
- 57. 'Iatrogenic phenomena' (e.g. öpernicious social sciences).
- 58. Ideology [excessive, irrational, mistaken, obnoxious, or naive].
- 59. Ignorance.
- 60. Illiteracy.
- 61. Imbalance.
- 62. Immoderation or excess.
- 63. Indecision.
- 64. Indifference or apathy.
- 65. Indiscipline.
- 66. Inefficiency.
- 67. Inequality.
- 68. Infidelity.
- 69. Injustice.
- 70. Insanity.
- 71. Insecurity.
- 72. Insensitivity.
- 73. Intolerance.
- 74. Irrationality.
- 75. Jealousy.
- 76. Lack of opportunity or unanswered needs or wants.
- 77. Lack of organization, planning, or provision.
- 78. Limitations of human intelligence.
- 79. Loneliness or isolation.
- 80. Lovelessness.
- 81. Low standards, mediocrity, vulgarity, or imperfection.
- 82. Lying.
- 83. Machination.
- 84. Maladjustment.
- 85. Maladministration or misgovernment.
- 86. Materialism [excessive, mistaken, or undirected].
- 87. Mechanical aspects of the world.
- 88. Misaction or poor style.
- 89. Miseducation.
- 90. Misguidance or obscurantism.

- 91. Misunderstanding.
- 92. Morosophy [intellectual or 'expert' stupidity, or pseudosophistication].
- 93. Mortality or death.
- 94. Motor limits or defects of the human body.
- 95. Neglect.
- 96. Negligence, carelessness, or irresponsibility.
- 97. Neurosis.
- 98. Nihilism.
- 99. Noise.
- 100. Nuclear war risk.
- 101. Obsessions or compulsions.
- 102. Old age or elderly decripitude.
- 103. Overcomplexity.
- 104. Overrefinement.
- 105. Overspecialization.
- 106. Pathological diversity.
- 107. Personal accidents or bad luck.
- 108. Pettiness.
- 109. Phobias.
- 110. Political anarchy or social disorder.
- 111. Pollution.
- 112. Poor husbandry of human talent or resources.
- 113. Poor use of language.
- 114. Poverty.
- 115. Prejudice, bigotry, racism, persecution, nationalism, ethnocentrism, or elitism.
- 116. Presumption.
- 117. Psychomachy (struggles within the soul).
- 118. Purposelessness.
- 119. Reasonless action; or lack of Socratic self-examination, self-knowledge, or self-mastery.
- 120. Redundancy.
- 121. Resource shortages or 'any' form of scarcity.
- 122. Ridicule.
- 123. Rigidity [lack of experimentation, flexibility, plasticity, innovation, youthful vigor, etc; inertia of the past or present].
- 124. Selfishness.
- 125. Self-perpetuating evils.
- 126. Sensory limits or defects.
- 127. Shallowness.
- 128. Side effects or unknown threats of science or technology.
- 129. Simplism.
- 130. Socioeconomic dislocation.
- 131. Stagnation, boredom, monotony, or lack of challenge.
- 132. Stereotypy.
- 133. Stupidity, foolishness, or mindlessness.
- 134. Subversion.
- 135. Superstition.
- 136. Terrorism.
- 137. Thanklessness.
- 138. Thoughtlessness.
- 139. Ugliness of person.
- 140. Uncertainty.
- 141. Uncontrol.
- 142. Uncontrolled growth.
- 143. Unemployment or idleness.
- 144. Unfairness.

- 145. Unhappiness, misery, suffering, discomfort, or pain.
- 146. Unprincipled conduct, amorality, or corruption.
- 147. Unsightly or deteriorating (natural or artificial) environments.
- 148. War.
- 149. Waste.
- 150. World's smallness.
- 151. Wrong deprivation.
- 152. Zero-sum competition or overcompetition.

# "A CLOUD'S MYRIONTOGRAPHIC PORTRAIT" 62 Things 'Any' Cloud Simultaneously Represents

- 1. Active sink for atmospheric moisture; water being removed from atmosphere; atmospheric exit.
- 2. Aeronautical problem or obstruction (forbidden region).
- 3. Aerosol mass.
- 4. Amorphous object.
- 5. Approaching and departing object.
- 6. Chromatic filter.
- 7. Concentration of dihydrogen monoxide; patch of higher humidity.
- 8. Condensational process and product.
- 9. Contributing source of a greenhouse effect.
- 10. Convergence.
- 11. Diaphanous object.
- 12. Discontinuity.
- 13. Distant, inaccessible, and intangible object.
- 14. Dynamic equilibrium.
- 15. Encephalic and mental concept, pattern, and thought process; set of radiating and interacting mental associations and perturbations; set of emerging and cascading feelings and corollary reflections and purposes.
- 16. Encephalic and mental percept.
- 17. Epiphenomenon.
- 18. Essential step in hydrological cycle.
- 19. Everting object (usually).
- 20. Extremely irregular spheroid.
- 21. Fractal curve, surface, structure, or hierarchy.
- 22. Generic cloud.
- 23. Geometric locus (point, patch, surface, or object).
- 24. Gigantic electrical capacitor accumulating charge; high-voltage machine.
- 25. Groundward reflector of sunlight.
- 26. Group of neural impulses and interactions.
- 27. Growing or shrinking object or patch.
- 28. Human existential event.
- 29. Indicator of existence or altitude of atmospheric layer(s).
- 30. Infrasound source.
- 31. Inkblot stimulating fancies and fantasies.
- 32. Instantaneous form or image of developing process or morphodynamical phenomenon.
- 33. Lighter-than-air object.
- 34. Mass or set of water droplets/crystals, spheres/hexagons, or points.
- 35. Member of simultaneous group of clouds (e.g. "opatch, street, row, storm, front, or cyclonic formation).
- 36. 'Nothing'.
- 37. Obscurer of earth's surface to universe.

- 38. Part or element of the sky.
- 39. Piece of matter or population of molecules or atoms.
- 40. Piece of turbulence or turbulent or unstable air.
- 41. Poetic symbol and inspiring spectacle.
- 42. Potential radar image.
- 43. Precipitation source or generator.
- 44. Protean object.
- 45. Psychometeorological contributor to society's mood.
- 46. Quasi 'partial vacuum'.
- 47. Reflector of sunlight back into space.
- 48. Region or object in thermal disequilibrium with surrounding atmosphere.
- 49. Self-generating thing (hyp.).
- 50. Set of innumerable microscopic lenses or prisms.
- 51. Set of retinal sensa.
- 52. Source of radio static.
- 53. Subpopulation of water droplets or ice crystals.
- 54. Sunlight screen; origin of 'shadow-beam'.
- 55. Suspended and drifting object.
- 56. Transmitter of light.
- 57. Type of cloud.
- 58. Vast aggregate water surface (sum of myriad droplet or crystal surfaces).
- 59. Visible cyclic phase of thermal; by-product of updraft or downdraft.
- 60. Water reservoir.
- 61. Weather portent and atmospheric index.
- 62. White light source.

## "21 Categories of Inventions"

Art forms Drugs Engineered organisms Foods Future disciplines Future museums Future rights Hypotheses Industrial products Industries Laboratory equipment Laboratory techniques Literary themes Mechanisms for creating excellence New ideologies Political innovations Political issues Solutions to (human) problems Technical inventions Theories Words

<sup>&</sup>quot;The 51 Most Important Things [Created, Initiated, Founded, and Proposed]":

Architectural or engineering systems Artistic tools Categories of sport Cosmologies Economic goods or services Epistemological systems Ethical or moral systems Finite or infinite series of subscientific domains Forms of musical composition Fundamental inventions Goals for society Governmental offices or responsibilities Great social or global problems (recognition thereof) Industrial processes Institutions Key problems of science or mathematics Life-styles Literary genres Literary styles Macrohistorical perspectives Mental disciplines or 'meta-subjects' Modes of feeling, thinking, behaving, or perceiving Organizations, types thereof, or taxa of types Personality types Philosophies Pivotal mores Political constitutions or amendments thereto Political or social ideas Political units or societies Religious concepts or forms Schools of art Schools of psychology Sciences Scientific instruments Scientific laboratories Scientific laws or great principles Scientific methods Scientific theories or foundations Solutions to world problems Systems of mathematics or logic Systems of music Systems or methods of education Taxa of forms of entertainment Taxa of types of art Taxa of types of jobs Taxa of types of musical instruments Technological or scientific objectives Technologies Varieties of natural resources Weltanschauungen Words or their grammatical classes/inflections/functions/relations

"45 Things Technology Can Do To Things": <IT CAN [item] THEM>

Adjust Analyze/describe/characterize/classify

```
Calculate
Clean
Communicate
Control/regulate/engineer
Copy/reproduce/recreate
Count
Create
Decorate (improve/add to the appearance of)
Decrease/diminish
Design
Detect
Dispose of
Enable/facilitate
Enclose/house
Grow
Handle
Increase/enlarge
Join/connect/combine
Maintain/preserve
Make/construct/assemble/manufacture/synthesize
Manipulate
Measure
Move/send/transmit
Multiply
Operate
Perceive/recognize/identify
Power
Predict
Protect/guard
Record
Remove/extract/separate/purify
Repair
Replace
Restore
Shape/fabricate/mold
Simulate/model/imitate
Store
Study (help study)
Supervise
Supply
Symbolize
Test
Transform
```

## "11 Things Technology Can Act Upon Or Involve":

Airliners
Air-conditioners
Beds
Bicycles
Books
Cameras
Candy
Cars
Clocks
Clothes
Computers

Containers Crops Fertilizer Food Funerals Furniture Games Gasoline Greeting cards Highways Houses Insurance policies Jewelry Kitchen utensils Lamps Legal services Medical apparatus Medicine Minerals Motion pictures Newspapers Pets Photocopiers Refigerators Services Shoes Skyscrapers Stationery Tires Tools Toys Typewriters Wallpaper Weapons

## "99 Elements and Dimensions That Define and Describe 'Trees'":

Alternations/Sub-Sequences - Vs. - None Angle-of-Branching Associativity - Vs. - Nonassociativity Autonomy - Vs. - Heteronomy Branch Distances (Incl. Harmonics, &c) Branches - Vs. - Roots Branching Cycles Branch/Trunk Thickness - Vs. - Diameterlessness (Line-Ness) Breadth Breaks (Interruptions) 'Bundlings' Capacity (Relative; N Types of) Certainty - Vs. - Uncertainty Clustering/Grouping/Nesting - Vs. - None Combinability - Vs. - Non-Combinability Compactness/Density Completeness - Vs. - Partiality Complexity - Vs. - Simplicity Content - Vs. - None

```
Coordinates/Symbols/Words/Numbers/Signs/Indexes/&c
  'Cybernetics' - Vs. - No Cybernetics (No Feedback fr. Ext. World/Self/Experience)
  Decay
  Development
  Different Types of Elements (0-Inf.)
  Dimensionality (Incl. Fractal, Adinfinite)
  Direction
  Dispersion (of Various Traits, e.g. Branch Length/Angle)
  Distributivity (Full-Limited-Zero)
 Divergence - Vs. - Convergence
 Diversity - Vs. - Sameness
 Equations
 Evolution
 Explicitness - Vs. - Implicitness
  'Extension'
 Exteriority
 'External Space Metric'
 Familiarity - Vs. - Novelty
 Favorite Path|s/Axis|s - Vs. - None
 Finitude - Vs. - Infinitude
 'Furcation Number' (Number of Branches fr. Same Node - 0-Inf.)
 Gestalt Form - Vs. - None
 Gradient (Incl. 0-Inf. Nonlinearity of Same)
 Growth - Vs. - Growthlessness
 Height
 Hierarchy - Vs. - None
 'Idiomorphy' (Possession of Own, Idiosyncratic Form)
 Ill-Defined/Undefined Parts/Aspects
 Imitativeness of Arbitrarily Non-Tree-Like Forms
 Instantaneous Or Durational Form - Vs. - Instantaneous Change ('Flow')
 Interiority
 Life - Vs. - Inertness
 Lists
 Literality - Vs. - Figurativeness
 'Mapping'
Mathematical Limits & Boundaries (Any & All)
Modes
Movement|s/Behavior|s
Neighborhoods
No Closure - Vs. - Anastomosis
Node/Branch Ratio
Number of Trunks (0-Inf.)
Objective Meaning
Orientation
Outlinear (Exterior) Shape
Parallelisms (Internal)
Partitions
Permutability (Sequential, &c Re-Orderability of Tree'S Parts) - Vs. - Non-
Physicality (Physiomorphism/Concreteness) - Vs. - Abstractness (Ideomorphism)
Proteanness - Vs. - Permanence of Form &/Or Other Properties
Randomness/Regularity/Rhythm/Periodicity
Rectilinearity - Vs. - Curvilinearity
Reversibility - Vs. - Irreversibility
Rules
Self-Avoidance - Vs. - Self-Indifference - Vs. - Self-Attraction
Self-Homogeneity - Vs. - Self-Heterogeneity ('Territoriality'/Subdivision)
'Self-Ingression'
```

Self-Interactiveness Self-Intersection - Vs. - None Self-Tangents Sharpness/Clarity - Vs. - Vagueness Singularity - Vs. - Multiplicity Size (e.g. of Area/Volume/Intricacy) Spontaneity - Vs. - Predefinition ("A-Priority"ø) Start|s - Vs. - End|s - Vs. - None Stratification (0-Inf. Levels) Subjective Meaning Sub-Trees/Super-Trees (Topologically Enclosed/Enclosing In A/V/Dimensionless Points; 1-Inf.) Successive Sub-Branching (Amount) Symmetry - Vs. - Asymmetry Texture of Branching Pattern Things Transported Over - Vs. - None 'Three-D Layers' (Like Concentric Shells, Say Representing Rhythmic Branching Densities) 'Topological Self-Enclosure' Transitivity - Vs. - Intransitivity (Sensu Logical Relations of Tree's Parts) Universality Variability/Plasticity - Vs. - Rigidity Vergence Verticality - Vs. - Horizontality/Flatness

#### "72 CAVE ANALOGS":

Alimentary canal All SOLID networks Animal burrows Animal passageways in underbrush Anthill or termite mound Arcade or archway Astroglia Atmospheric path of jet plane or rocket Atmospheric vortices (eddies, tornadoes, etc) Bank vault Bark vermiculation Bone (Haversian canal, lacunary, or canalicular systems) Building passageway-room systems Catacomb or tomb Cellar or basement Central canal-ventricular-subarachnoid space system Central vent of volcano Circulatory system Cliff dwelling Cross-country oil, gas, or slurry pipeline systems Electronic circuit (for electrons) Endocrine subsystems Extracellular space system Fault Fumaroles Geological joint system Geyser substructure Golgi apparatus (dictyosome network) Indoor shopping mall Intramural space

Ionic channels in crystal Leaf epidermis Limestone micro-caves Lymphatic system Magnetic flux tubes from sun Maze Microfilaments Microtrabecular matrix Microtubules Mine Mole and earthworm tunnelings Moonless night Municipal water-supply system Natural bridge Nervous system Neuron Outer - middle - inner ear system Petroleum reservoir Phreatic channel space Plant vascular system (e.g. öphloem, xylem, or leaf venation) Plumbing Plumes (penetrating the crust, mantle, even core?) Pore space in a stone or brick Protein molecule Respiratory system (nasal, oral, pharyngeal, tracheal, bronchial, alveolar, etc) Sand particle surface-center pore Sandstone pore space Sebaceous, apocrine, and eccrine glands Sewage system Soil vadose pore space Sponge Spring Subway system Supernovae-generated vermiculation in galactic atmospheres Talus interspaces Tooth decay cavity Tubular networks in clays Volcano substructure (dikes, sills, laccoliths, magma chambers, etc) Wasp nest Well Womb (fallopian - uteral - vaginal - vulvar system)

### "72 GENERIC PROPERTIES OF THE ARCHANALOGON 'CAVE' AND ITS ANALOGS"

- 1. Aegagropilous.
- 2. Anastomotic.
- 3. Asymmetric (antero-posterior).
- 4. Axosymmetric.
- 5. Bounded or finite.
- Branched ([with or of] graph-theoretic nodes and links).
- 7. Centraxial (possessed of backbone or main central axis).
- 8. Chambered, with swellings or pinchings, moniliform, or sequential.
- Contains, develops, or entraps [breakdown or breccia, wastes, deposits, sediments, sedimentary strata, in-fill, sandbars, allocthonous material, e/vc].
- 10. Continuous or integral.

- 11. Course or outline is [undular, wiggly, squirmy, helical, or angular].
- 12. Curvilinear.
- 13. Dendriform.
- 14. Descends.
- 15. Destructive.
- 16. Develops and has types of speleothems [accretions, concretions, protrusions, barriers, crystals, drapes, e/vc].
- 17. Diagonal.
- 18. Discontinuous.
- 19. Drains matrix (e.g. öof fluid).
- 20. Ellipsoidal or lenticular (as to overall 3-dimensional shape of network).
- 21. Enterable or occupiable.
- 22. Exhibits growth [extension, cross-section enlargement, arborescence, e/vc].
- 23. Exhibits spatial trend.
- 24. Flow-bearing, translocates things or materials, and/or is path-like.
- 25. Flow-formed.
- 26. Formed by processes of [erosion, solution, corrosion, collapse, removal, e/vc].
- 27. Formed in [joints, faults, interstrata beds, weak layers, porous matter, e/vc].
- 28. Fractal (hyp.).
- 29. Has one opening (single entrance sans back exit).
- 30. Hidden.
- 31. Hierarchical or multi-scale.
- 32. Hollow, evacuated, or negative (represents simple absence of matric substance).
- 33. Horizontal.
- 34. In solid matrix.
- 35. Individually idiosyncratic.
- 36. Interconnective.
- 37. Involves nothingness [is dark, silent, colorless, lifeless, e/vc].
- 38. Involves temporally [uniform, static, eventless, or stagnant] conditions [thermal, hygroscopic, biological, etc].
- 39. Isolated.
- 40. Liable to undergo accidental self-sealing or fragmentation.
- 41. Linear or elongate.
- 42. May have ponds.
- 43. Minor part of matrix volume.
- 44. Multiform.
- 45. Multilevel, stratified (multiplanar), or multi-rowed.
- 46. Multipartite.
- 47. Mysterious, or disorienting to human visitor.
- 48. Network-like or labyrinthine.
- 49. Nonlinear (in genesis or dynamics).
- 50. Passes through multistage birth-to-date life cycle [born, grows, matures, ages, and dies].
- 51. 'Polycentric' (structure multiply clustered).
- 52. Poly-cyclic; can become quiescent or fossil-like and then be reactivated.
- 53. Radiational, or vergent or fusiform.
- 54. Rectangular (often).
- 55. Regional and clustered in occurrence.
- 56. Represents 'internal' structure ('endostructural').
- 57. Reticular (cf.ö#5, #71).

- 58. Sculptural or has speleogens (scallops, cracks, blades, e/vc).
- 59. Self-destructive.
- 60. Self-inductive.
- 61. Self-interactive.
- 62. Semi-full (semi-empty).
- 63. Semi-random pattern.
- 64. Shortcut (is a).
- 65. Simple.
- 66. Space-filling.
- 67. Subsurficial (e.g. subterranean).
- 68. Truncatable, deflectible, or retrovertible.
- 69. Tubular diameter regresses inwardly ('conoidal').
- 70. Tubular.
- 71. Unstable or metastable.
- 72. Wandering or with meanders.