

3. Combinatorics of Atlan's emotional and semantic atoms

- Optimism = anticipation + joy
- Love = joy + trust
- Shame embarrassment = fear + disgust
- Thoughtfulness = serene + interest
- Thankfulness = serene + acceptance
- Pride = admire + self
- Faith / belief = trust + know
- Extravagance = ecstasy + distracted
- Daringness = trust + anticipation
- Rejection / refusal = not + accepting
- (In)security = (not +) trust + self
- Discouraged = passive + not + trust + anticipation
- Bewildered = surprise + apprehension
- Critical / sceptical = not + trust + know
- Frustration = anger + distraction
- Jealousy = desire + annoyed

4. Combinatorics of Atlan's consciousness and semantic atoms

- Unconscious = not + consciousness
- Sub-conscious = below + consciousness
- Ego = feeling + self
- Self-consciousness = consciousness + self
- Narcissism = admiration + self
- Selfishness / egotism = interest + self
- Depersonalisation = feeling + not + self
- Ego-death = feeling + self + death
- Derealisation = feeling + not + contact + reality
- Libido = desire + sex
- Arousal = stimulation + sex
- Orgasm = ecstasy + sex
- Deep sleep = sleep + not + consciousness
- Dreaming = sleep + consciousness
- Lucid dreaming = dreaming + consciousness + awareness
- Enlightenment = consciousness + light / bright
- Bliss = ecstasy + peace
- Mystical experience = consciousness + God
- Sensory overload = feel + excitation + positive
- Peace = excitation + neutral
- Numbness = feel + excitation + negative
- Euphoria = feeling + good
- Dysphoria = feeling + bad
- High = feeling + cannabis + excitation + positive
- Stoned = feeling + cannabis + excitation + negative
- Tipsy = feeling + alcohol + neutral
- Drunk = feeling + alcohol + positive
- Understand = reason + grasp
- Aha-Erlebnis = feeling + understanding
- Empathy = feeling + other
- Social awareness = awareness + social
- Intelligent = reason + positive
- Dumb = reason + negative
- Guilt = conscience + bad
- Know-how = understanding + action
- Wisdom = understanding + life

5. Overview of qualia-related atoms

- Negative
- Neutral
- Positive
- Colour
- Brightness
- Red
- Yellow
- Blue
- Sound
- Volume
- Become, transform
- Note/pitch
- 7 note-names corresponding with the numbers 1-7
- More (comparative)
- Most (superlative)
- Smell
- Taste
- Sweet
- Sour
- Bitter
- Salty
- Umami
- Feeling / affect
- Contact
- Tension
- Texture
- Temperature

- | | | | |
|----------------|----------------------------|----------------------------|-------------------|
| • Valence | • Trust | • Hallucination | • Reality |
| • Wetness | • Fear | • Depression | • Sex |
| • Outside | • Surprise | • Stimulation / excitation | • Not |
| • Inside | • Sadness | • Reason / abstract logos | • Light |
| • Balance | • Disgust | • Memory | • God |
| • Turn | • Consciousness | • Desire | • Value judgement |
| • Move | • Awareness | • Conscience (moral) | • Grasp |
| • Sea | • Hypnosis | • Intuition / instinct | • Social |
| • Anger | • Dissociation | • Below | |
| • Anticipation | • Trance/depersonalisation | • Self | |
| • Joy | • Sleep | • Death | |

6. Swadesh 207 list of universal human concepts

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|--------------------|-----------------------|-------------|----------------------|
| 1. I | 20. few | 39. child | 58. bark (of a tree) |
| 2. you (singular) | 21. other | 40. wife | 59. flower |
| 3. they (singular) | 22. one | 41. husband | 60. grass |
| 4. we | 23. two | 42. mother | 61. rope |
| 5. you (plural) | 24. three | 43. father | 62. skin |
| 6. they (plural) | 25. four | 44. animal | 63. meat |
| 7. this | 26. five | 45. fish | 64. blood |
| 8. that | 27. big | 46. bird | 65. bone |
| 9. here | 28. long | 47. dog | 66. fat (noun) |
| 10. there | 29. wide | 48. louse | 67. egg |
| 11. who | 30. thick | 49. snake | 68. horn |
| 12. what | 31. heavy | 50. worm | 69. tail |
| 13. where | 32. small | 51. tree | 70. feather |
| 14. when | 33. short | 52. forest | 71. hair |
| 15. how | 34. narrow | 53. stick | 72. head |
| 16. not | 35. thin | 54. fruit | 73. ear |
| 17. all | 36. woman | 55. seed | 74. eye |
| 18. many | 37. man (adult male) | 56. leaf | 75. nose |
| 19. some | 38. man (human being) | 57. root | 76. mouth |

77. tooth	110. to kill	143. to float	176. black
78. tongue (organ)	111. to fight	144. to flow	177. night
79. fingernail	112. to hunt	145. to freeze	178. day
80. foot	113. to hit	146. to swell	179. year
81. leg	114. to cut	147. sun	180. warm
82. knee	115. to split	148. moon	181. cold
83. hand	116. to stab	149. star	182. full
84. wing	117. to scratch	150. water	183. new
85. belly	118. to dig	151. rain	184. old
86. guts	119. to swim	152. river	185. good
87. neck	120. to fly	153. lake	186. bad
88. back	121. to walk	154. sea	187. rotten
89. breast	122. to come	155. salt	188. dirty
90. heart	123. to lie (as in a bed)	156. stone	189. straight
91. liver	124. to sit	157. sand	190. round
92. to drink	125. to stand	158. dust	191. sharp (as a knife)
93. to eat	126. to turn (intransitive)	159. earth	192. dull (as a knife)
94. to bite	127. to fall	160. cloud	193. smooth
95. to suck	128. to give	161. fog	194. wet
96. to spit	129. to hold	162. sky	195. dry
97. to vomit	130. to squeeze	163. wind	196. correct
98. to blow	131. to rub	164. snow	197. near
99. to breathe	132. to wash	165. ice	198. far
100. to laugh	133. to wipe	166. smoke	199. right
101. to see	134. to pull	167. fire	200. left
102. to hear	135. to push	168. ash	201. at
103. to know	136. to throw	169. to burn	202. in
104. to think	137. to tie	170. road	203. with
105. to smell	138. to sew	171. mountain	204. and
106. to fear	139. to count	172. red	205. if
107. to sleep	140. to say	173. green	206. because
108. to live	141. to sing	174. yellow	207. name
109. to die	142. to play	175. white	