

"ACTANTS" = ALL NAMABLE ACTORS OR ACTINGS OR "ACTED ONS"

"INTERACTING" = SELF-MULTIPLYING OR SQUARING

(A GEOMETRIC VERSION)

CONCENTRIC SUBSPHERES OR SHELLS

THE COSMOSPHERE

IN 8 SHELLS, CUT AWAY TO SHOW

ITS 3 DIMENSIONS OR AXES: ACTION, COMPLEXITY AND AGE

IN 2, π , i, LOG UNITS RELATED BY EULER'S EQUATION $e^{2\pi i n} = 1$ (CYCLES)

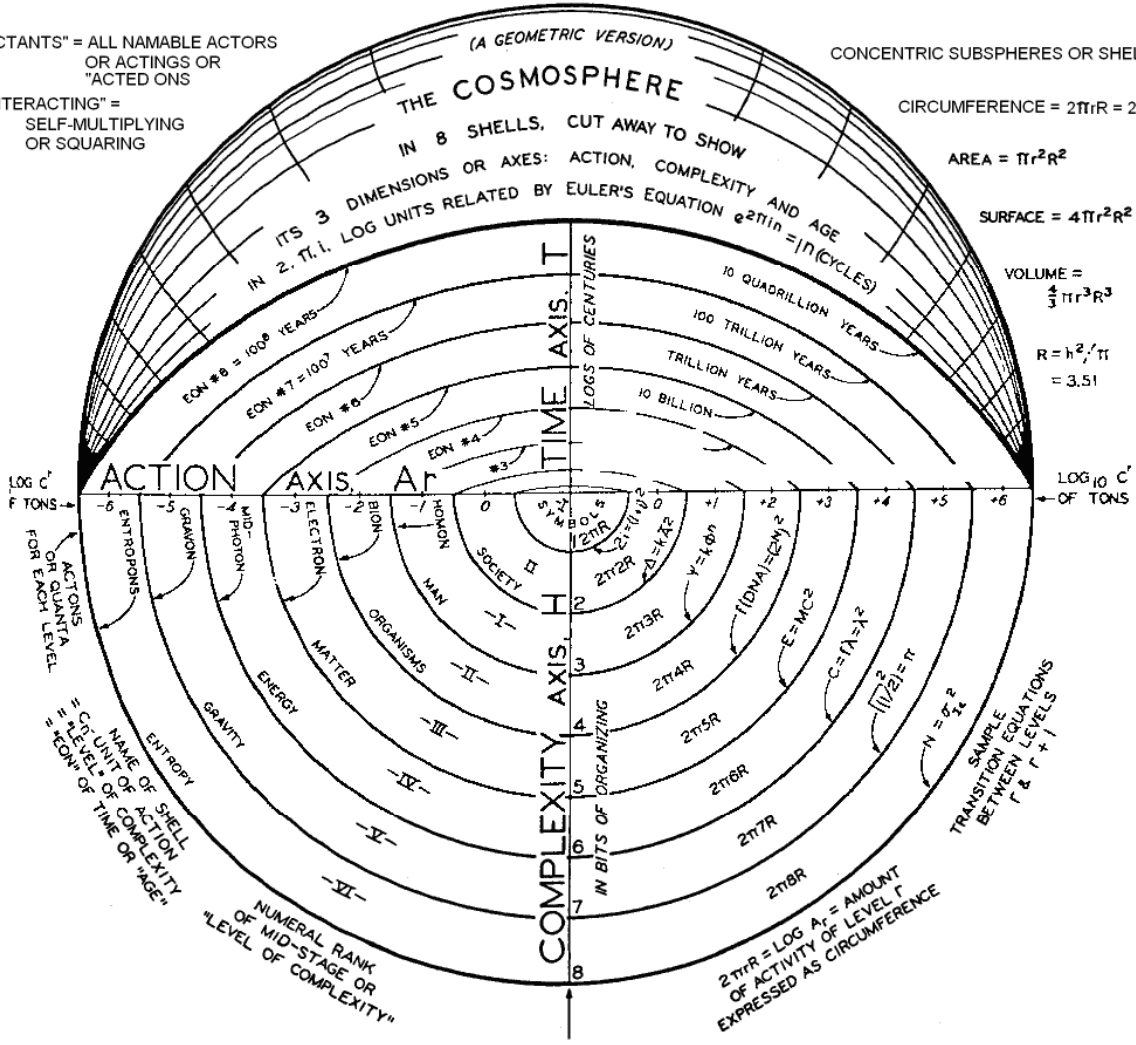
CIRCUMFERENCE = $2\pi rR = 2\pi c$

AREA = $\pi r^2 R^2$

SURFACE = $4\pi r^2 R^2$

VOLUME = $\frac{4}{3}\pi r^3 R^3$

$R = h^2 / \pi = 3.51$



SHELL RADIUS = r = RADIUS OF SUBSPHERE

LOG C' OF TONS
-5
-4
-3
-2
-1
0
+1
+2
+3
+4
+5
+6

LOG10 C' OF TONS

ENTROPIONS
GRANON
PHOTON
ELECTRON
PHOTON
MAN
SOCIETY
ORGANISMS
MATTER
ENERGY
GRAVITY
ENTROPY

ACTANTS FOR EACH LEVEL
= C' UNIT OF ACTION
= "LEVEL" OF COMPLEXITY
= "EON" OF TIME OR "AGE"

NUMERAL RANK OF MID-STAGE OR "LEVEL OF COMPLEXITY"

TIME AXIS
LOGS OF CENTURIES
10 QUADRILLION YEARS
100 TRILLION YEARS
TRILLION YEARS
10 BILLION YEARS
COMPLEXITY AXIS
IN BITS OF ORGANIZING

$2\pi rR = \log A_r = \text{AMOUNT OF ACTIVITY OF LEVEL } r \text{ EXPRESSED AS CIRCUMFERENCE}$

SAMPLE TRANSITION EQUATIONS BETWEEN LEVELS r & $r + 1$

$N = \frac{r^2}{r+1}$

$C = r\lambda = \lambda^2$

$E = mc^2$

$v = k\phi$

$|D_{DNA}| = \frac{2\pi m v^2}{h}$

$2\pi rR = \lambda^2$

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