Mensionization Complementation

The *Mathematics* of *Hermetic Alchemy*

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Successive Derivatives of the Differential Dimensions

(Differential 3rd-dimension) $(\alpha+\beta)^3$

$f^1(\alpha+\beta)^3 = 3(\alpha+\beta)^2$ ***1st derivative*** *(three sets of 4 Elements=1Tria Prima)*

$f^2(\alpha+\beta)^3 = 6(\alpha+\beta)^1$ ***2nd derivative*** *(Hexagram String Length)*

(Differential 4th-dimension) $(\alpha+\beta)^4$

$f^1(\alpha+\beta)^4 = 4(\alpha+\beta)^3$ ***1st derivative*** *(4 Hexagram Lattice-Engines 4 Tria Prima)*

$f^2(\alpha+\beta)^4 = 12(\alpha+\beta)^2$ ***2nd derivative*** *(12 sets of 4 Elements)*

$f^3(\alpha+\beta)^4 = 24(\alpha+\beta)^1$ ***3rd derivative*** *(24 bit String Length)*

(Differential 5th-dimension) $(\alpha+\beta)^5$

$f^1(\alpha+\beta)^5 = 5(\alpha+\beta)^4$ ***1st derivative*** *(5 Differential 4th Dimension Spinars)*

$f^2(\alpha+\beta)^5 = 20(\alpha+\beta)^3$ ***2nd derivative*** *(20 Hexagram Lattice-Engines 20 Tria Prima)*

$f^3(\alpha+\beta)^5 = 60(\alpha+\beta)^2$ ***3rd derivative*** *(60 sets of 4 Elements)*

$f^4(\alpha+\beta)^5 = 120(\alpha+\beta)^1$ ***4th derivative*** *(120 bit String Length)*

(Differential 6th-dimension) $(\alpha+\beta)^6$

$f^1(\alpha+\beta)^6 = 6(\alpha+\beta)^5$ ***1st derivative*** *(6 Differential 5th Dimension Spinars)*

$f^2(\alpha+\beta)^6 = 30(\alpha+\beta)^4$ ***2nd derivative*** *(30 Differential 4th Dimension Spinars)*

$f^3(\alpha+\beta)^6 = 120(\alpha+\beta)^3$ ***3rd derivative*** *(120 Hexagram Engines-120 Tria Prima)*

$f^4(\alpha+\beta)^6 = 360(\alpha+\beta)^2$ ***4th derivative*** (*360 sets of 4 Elements*)

$f^5(\alpha+\beta)^6 = 720(\alpha+\beta)^1$ ***5th derivative*** (*720 bit String Length*)

Differential 7th-dimension) $(\alpha+\beta)^7$

$f^1(\alpha+\beta)^7 = 7(\alpha+\beta)^6$ ***1st derivative*** (*7 differential 6th dimension Spinars*)

$f^2(\alpha+\beta)^7 = 42(\alpha+\beta)^5$ ***2nd derivative*** (*42 differential 5th dimension Spinars*)

$f^3(\alpha+\beta)^7 = 210(\alpha+\beta)^4$ ***3rd derivative*** (*210 differential 4th dimension Spinars*)

$f^4(\alpha+\beta)^7 = 840(\alpha+\beta)^3$ ***4th derivative*** (*840 Hexagram Engines-840 Tria Prima*)

$f^5(\alpha+\beta)^7 = 2520(\alpha+\beta)^2$ ***5th derivative*** (*2520 sets of 4 Elements*)

$f^6(\alpha+\beta)^7 = 5040(\alpha+\beta)^1$ ***6th derivative*** (*5040 bit String Length*)

(Differential 8th-dimension) $(\alpha+\beta)^8$

$f^1(\alpha+\beta)^8 = 8(\alpha+\beta)^7$ ***1st derivative*** (*8 differential 7th dimension Spinars*)

$f^2(\alpha+\beta)^8 = 56(\alpha+\beta)^6$ ***2nd derivative*** (*56 differential 6th dimension Spinars*)

$f^3(\alpha+\beta)^8 = 336(\alpha+\beta)^5$ ***3rd derivative*** (*336 differential 5th dimension Spinars*)

$f^4(\alpha+\beta)^8 = 1680(\alpha+\beta)^4$ ***4th derivative*** (*1680 differential 4th dimension Spinars*)

$f^5(\alpha+\beta)^8 = 6720(\alpha+\beta)^3$ ***5th derivative*** (*6720 Hexagram Engines 6720 Tria Prima*)

$f^6(\alpha+\beta)^8 = 20160(\alpha+\beta)^2$ ***6th derivative*** (*20,160 sets of 4 Elements*)

$f^7(\alpha+\beta)^8 = 40,320(\alpha+\beta)^1$ ***7th derivative*** (*40,320 bit String Length*)

(Differential 9th-dimension) $(\alpha+\beta)^9$

$f^1(\alpha+\beta)^9 = 9(\alpha+\beta)^8$ ***1st derivative*** (*9 differential 8th dimension Spinars*)

$f^2(\alpha+\beta)^9 = 72(\alpha+\beta)^7$ ***2nd derivative*** (*72 differential 7th dimension Spinars*)

$f^3(\alpha+\beta)^9 = 504(\alpha+\beta)^6$ ***3rd derivative*** (*504 differential 6th dimension Spinars*)

$f^4(\alpha+\beta)^9 = 3024(\alpha+\beta)^5$ ***4th derivative*** (*3024 differential 5th dimension Spinars*)

$f^5(\alpha+\beta)^9 = 15120((\alpha+\beta)^4$ ***5th derivative*** (*15,120 differential 4th dimension Spinars*)

$f^6(\alpha+\beta)^9 = 60480(\alpha+\beta)^3$ ***6th derivative*** (*60,480 Hexagram Engines 60,480 Tria Prima*)

$f^{7}(\alpha+\beta)^{9} = 181,440(\alpha+\beta)^{2}$ ***7th derivative*** (*181,140 sets of 4 Elements*)

$f^{8}(\alpha+\beta)^{9} = 362,880(\alpha+\beta)^{1}$ ***8th derivative*** (*362,880 bit String Length*)

(Differential 10th-dimension) $(\alpha+\beta)^{10}$

$f(\alpha+\beta)^{10} = 10(\alpha+\beta)^{9}$ ***1st derivative*** (*10 differential 9th dimension Spinars*)

$f^{2}(\alpha+\beta)^{10} = 90(\alpha+\beta)^{8}$ ***2nd derivative*** (*90 differential 8th dimension Spinars*)

$f^{3}(\alpha+\beta)^{10} = 720(\alpha+\beta)^{7}$ ***3rd derivative*** (*720 differential 7th dimension Spinars*)

$f^{4}(\alpha+\beta)^{10} = 5040(\alpha+\beta)^{6}$ ***4th derivative*** (*5040 differential 6th dimension Spinars*)

$f^{5}(\alpha+\beta)^{10} = 30,240(\alpha+\beta)^{5}$ ***5th derivative*** (*30,240 differential 5th dimension Spinars*)

$f^{6}(\alpha+\beta)^{10} = 151,200(\alpha+\beta)^{4}$ ***6th derivative*** (*151,200 differential 4th dimension Spinars*)

$f^{7}(\alpha+\beta)^{10} = 604,800((\alpha+\beta)^{3}$ ***7th derivative*** (*604,800 Hexagram Engines 604,800 Tria Prima*)

$f^{8}(\alpha+\beta)^{10} = 1,814,400(\alpha+\beta)^{2}$ ***8th derivative*** (*1,814,400 sets of 4 Elements*)

$f^{9}(\alpha+\beta)^{10} = 3,628,800(\alpha+\beta)^{1}$ ***9th derivative*** (*3,628,800 bit String Length*)