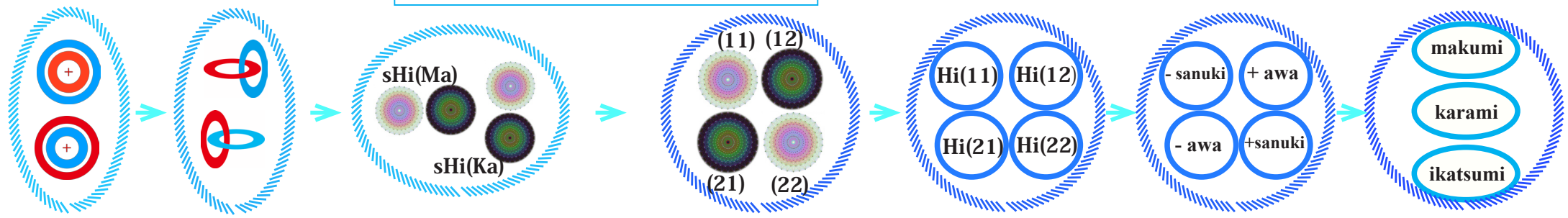


precursory integer 4
 Axiom K-5-2 Toyo
 Axiom A-3 & A-4
 Toyo & Tabane to Unitary form

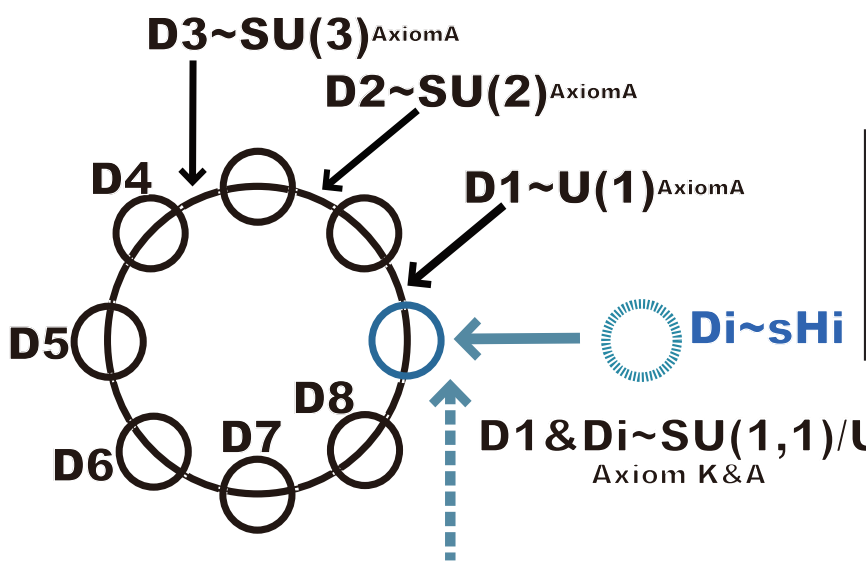
$$U(1) \quad \langle sHi_{D\sqrt{-1}}^{-Ma} |^2 \otimes |sHi_{D\sqrt{-1}}^{+Ka} \rangle^2 \Rightarrow 1 \equiv \begin{matrix} Ma \\ Ka \end{matrix} Hi_{D1}^{\pm}$$

bra - ket notation

SU(1,1) / U(1) U(1) SU(2) SU(3)



$$\langle \begin{matrix} \infty \\ \partial \end{matrix} Ma_{D0}^{\pm} | \begin{matrix} \infty \\ \partial \end{matrix} Ka_{D0}^{\pm} \rangle \rightarrow \langle sHi_{D\sqrt{-1}}^{-Ma} | sHi_{D\sqrt{-1}}^{+Ka} \rangle \rightarrow (sHi_{D\sqrt{-1}}^{+Ma} | sHi_{D\sqrt{-1}}^{-Ka}) \left(\begin{matrix} sHi_{D\sqrt{-1}}^{+Ma} \\ sHi_{D\sqrt{-1}}^{-Ka} \end{matrix} \right) \rightarrow \begin{pmatrix} sHi_{D\sqrt{-1}}^{-Ma} & sHi_{D\sqrt{-1}}^{+Ka} \\ sHi_{D\sqrt{-1}}^{-Ka} & sHi_{D\sqrt{-1}}^{+Ma} \end{pmatrix} \rightarrow \begin{pmatrix} Hi_{D1}^{-Ma} & Hi_{D1}^{+Ka} \\ Hi_{D1}^{-Ka} & Hi_{D1}^{+Ma} \end{pmatrix} \rightarrow \begin{pmatrix} Fu_{D2}^{-sanuki} & Fu_{D2}^{+awa} \\ Fu_{D2}^{-awa} & Fu_{D2}^{+sanuki} \end{pmatrix} \rightarrow \begin{matrix} makumi \\ karami \\ ikatsumi \end{matrix} \begin{matrix} Mi_{D3}^{\pm} \\ Mi_{D3}^{\pm} \\ Mi_{D3}^{\pm} \end{matrix}$$



Door of Parallel Universe

SU(1,1)/U(1)
 $sHi = \sqrt{-1} \equiv Di$
 Axiom K-8Yata
 Axiom K-5 Tokotachi
 Unitary Symmetry
 SU(1,1)/U(1)

$Mi = integer3 \equiv D3$
 Axiom A-6
 Matomari
 Gauge Symmetry
 SU(3)

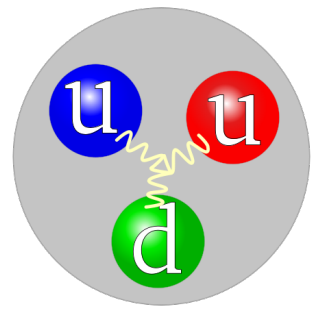
$Fu = integer2 \equiv D2$
 Axiom A-3.
 Toyo & Tabane
 ζ function
 Gauge Symmetry
 SU(2)

$Hi = integer1 \equiv D1$
 Axiom A-1,2,8
 Soko-Sogi
 Complex Number
 Gauge Symmetry
 U(1)

SU(3)

SU(2)

U(1)



Simiralty with
 Quark Model
 3-triplet model with
 Regular-Opposite-SU(3)
 symmetry

*Arakamichi (3-4) The Field With One Element -
 Axiomatic system K-5 & A-3,A-4 Toyo Constructs Unitary*