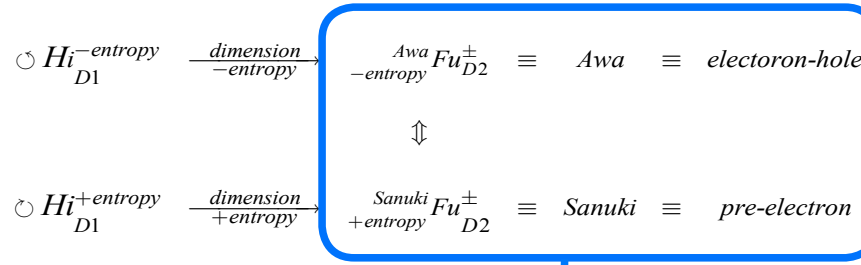


$$\left\langle sHi^+_{\sqrt{-1}} \middle| sHi^-_{\sqrt{-1}} \right\rangle^2 \quad \begin{matrix} Ka \\ Ma \end{matrix} Hi^{\pm}_{D1} \quad \div \quad \begin{matrix} \swarrow \\ \searrow \end{matrix}$$



Pre-Electrical-Entoropy Ocean

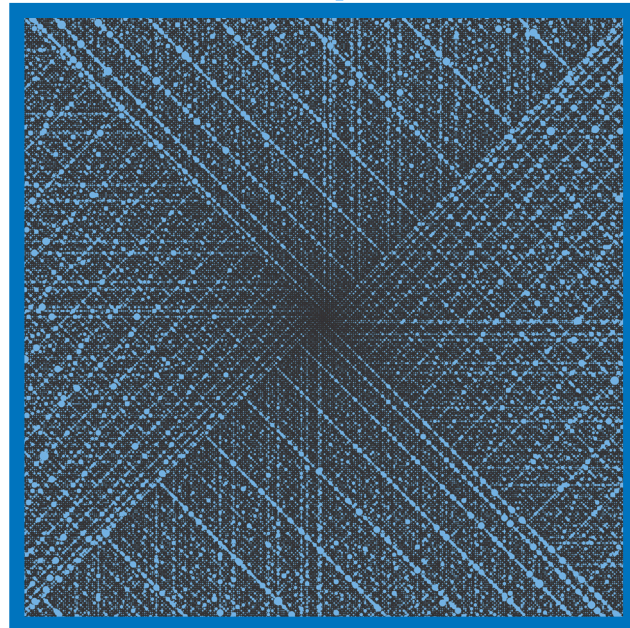
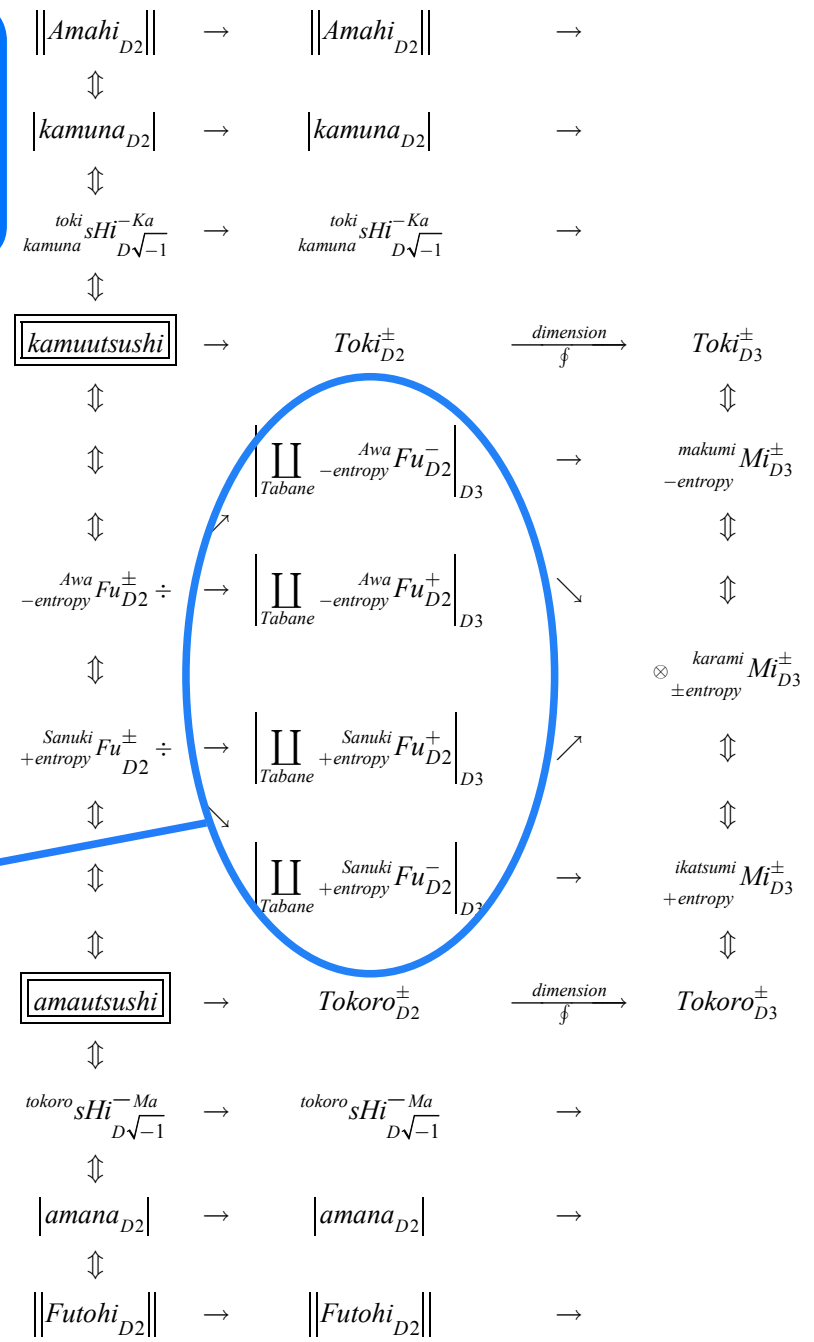


fig:The Ulam spiral or prime spiral
https://commons.wikimedia.org/wiki/File:Ulam_Spiral_Divisors_100000.png

Pre-Electrical-Entoropy Ocean

("Sea of Electricity"
 or "Awa & Sanuki Sea" of " Fu ")

- 1.The magnificent "Awa & Sanuki Sea" of " Fu " forms the environment which generates Matter and Life quality.
- 2.From the perspective of information thermodynamics, this "sea of electricity" is also "Sea of Information".
- 3.Furthermore, it can be expressed by "Tabane" in Axiom A-4 that the "Sea of Electricity" has the form of "complex exponential series". Therefore, "Sea of Electricity" is also "Sea of Zeta Function".



(4-5) Dimsension 2 : Cosmos is Pre-Electrical-Entoropy Ocean and Information Thermodynamics (see "Arakamichi 2-3")