

idk

written by Hypersurreal on Functor Network
original link: <https://functor.network/user/425/entry/190>

$$\begin{aligned}\mathbb{D} &= \{\} \\ 0 &= \{\mathbb{D}\} \\ * &= \{0\} \\ *\alpha &= \{*\beta\} \\ *\omega &= \{0, *, *2, \dots\} \\ \odot &= \{0, *, \dots, *\omega, \dots\}\end{aligned}$$

$$\begin{aligned}*\mathbb{n} \oplus *\mathbb{n} &= 0 \\ \odot \oplus \mathbb{n} &= \odot \\ \odot \otimes \mathbb{n} &= \odot \\ \odot \oplus \odot &= 0 \\ \odot \otimes \odot &= \odot\end{aligned}$$

$$\begin{aligned}\mathbb{D} \oplus \mathbb{n} &= \mathbb{D} \\ \mathbb{D} \otimes \mathbb{n} &= \mathbb{D} \\ \mathbb{D} \oplus \odot &= \mathbb{D} \\ \mathbb{D} \otimes \odot &= \mathbb{D} \\ \mathbb{D} \oplus \mathbb{D} &= \mathbb{D} \\ \mathbb{D} \otimes \mathbb{D} &= \mathbb{D}\end{aligned}$$

$$\begin{aligned}+_x &= \{0|0| -x\} \\ -_x &= \{x|0|0\} \\ +_0 &= \{0|*\} = \uparrow \\ -_0 &= \{*|0\} = \downarrow\end{aligned}$$

$$\begin{aligned}+_{\text{on}} &= \text{pip}_0 = \text{tiny} \\ \text{pip}_1 &= \{0|\text{pip}_0\} = \text{ace}\end{aligned}$$

$$\text{pip}_2 = \{0|\text{pip}_1\} = \text{deuce}$$

$$\text{pip}_3 = \{0|\text{pip}_2\} = \text{trey}$$

$$\text{pip}_n = \{0|\text{pip}_{n-1}\}$$

$$\text{ace} + \text{ace} = \text{deuce}$$

$$\text{ace} + \text{deuce} = \text{trey}$$

$$\text{over} = \{0|\text{over}\} \equiv \frac{1}{\text{on}}$$

$$\text{under} = \{\text{under}|0\} \equiv \frac{1}{\text{off}}$$

$$+\text{under} = \{0||0|\text{over}\} = \text{over}$$

$$-\text{under} = \{\text{under}|0||0\} = \text{under}$$