



$$\begin{aligned}x' &= x + u \times l \\y' &= y + v \times l \\z' &= z + w \times l\end{aligned}$$

$$u = \frac{x' - x}{|x' - x|}$$

$$v = \frac{y' - y}{|y' - y|}$$

$$w = \frac{z' - z}{|z' - z|}$$