

v1.

$$z = h \sin x - \sqrt{y}$$

$$\begin{cases} \sin x > 0 \\ y \geq 0 \end{cases}$$

$$\Leftrightarrow \begin{cases} 2\pi k < x < 2\pi k + \pi, k \in \mathbb{Z} \\ y \geq 0 \end{cases}$$

