

$$d = u_L - u_R = \frac{fB}{Z}$$

disparity depth

$$\frac{u_L}{X} = \frac{u_R}{X-B} = \frac{f}{Z}$$

$$\Rightarrow \begin{cases} u_L = \frac{fX}{Z} \\ u_R = \frac{f(X-B)}{Z} \end{cases}$$

