

Hand-drawn diagram showing a coordinate system with axes  $x$ ,  $y$ , and  $z$ . A vector  $u$  is shown originating from the origin. A small robot is positioned near the vector  $u$ . The diagram is enclosed in a rectangular frame with diagonal lines indicating perspective.

$$s \begin{bmatrix} u \\ v \\ 1 \end{bmatrix} = K(Rp+t)$$

