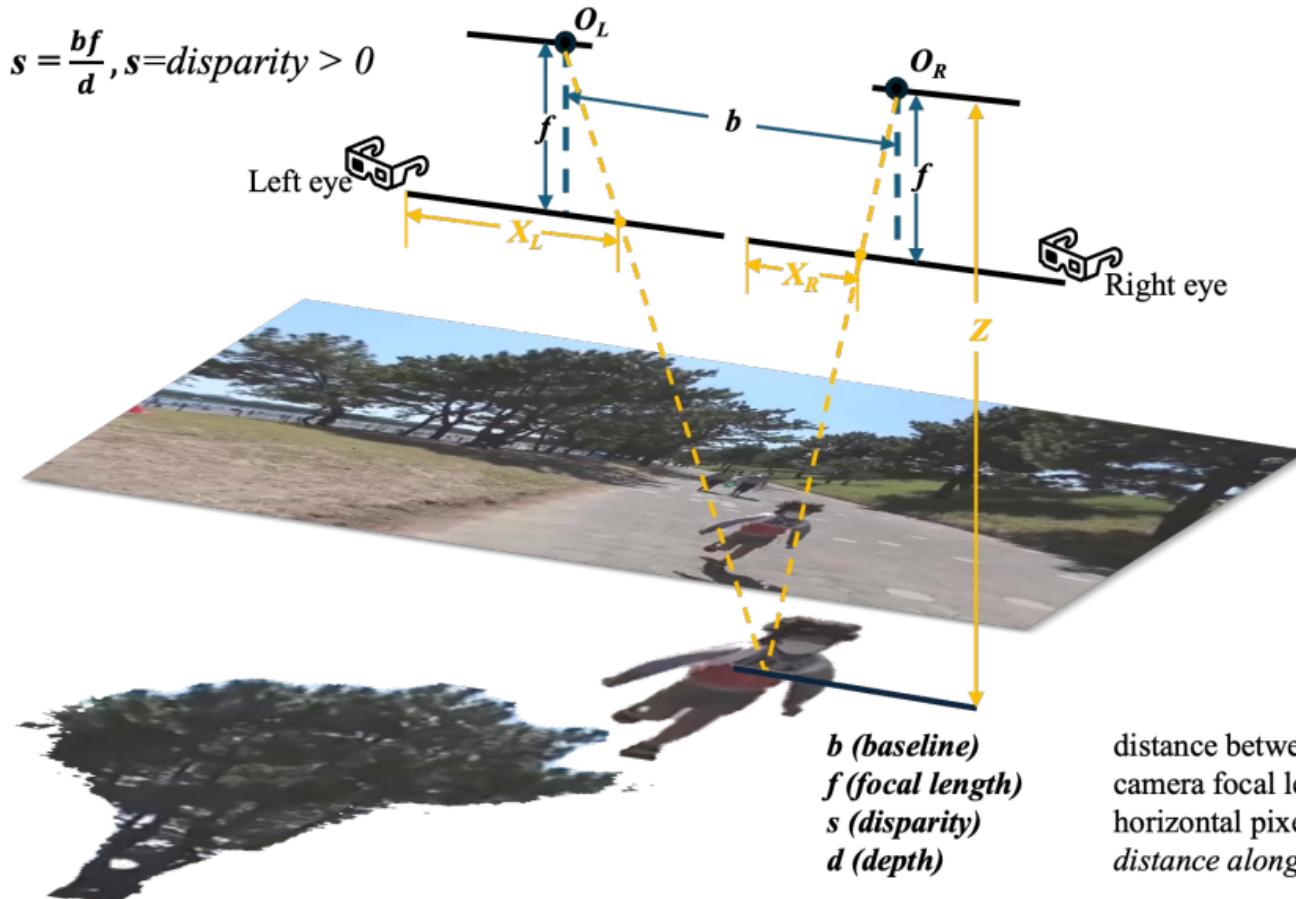


$$s = \frac{bf}{d}, s = \text{disparity} > 0$$



parallel

converged

distance between the two camera centers
camera focal length in pixels
horizontal pixel offset between matches, $|X_L - X_R|$
distance along the optical axis from the point to the projection center

disparity < 0

Projection Plane
disparity = 0

disparity > 0

disparity < 0

disparity = 0

disparity > 0

