$$Q1q)f = 10mm = 1cm$$

 $d = 9cm = 90mn$

$$V_0 = V_0 = 0$$

Since point X is in front of left camera., .
$$X_{L} = 0$$
.

$$Z = \frac{d \times f \times Ku}{RL - RR} = \frac{Resident}{RL - RR} = \frac{Resident}{RL - RR}$$

$$\mathcal{H}_{R} = \frac{9 \times 1 \times 1}{-1000} = -0.09 \text{ cm}.$$

b) Gives:
$$\lambda_{L} = \begin{bmatrix} \chi_{L} \\ f \end{bmatrix} - \begin{bmatrix} d \\ 0 \end{bmatrix} = \lambda_{R} \begin{bmatrix} \chi_{R} \\ f \end{bmatrix}$$

: Substituting values given into above equo

$$\lambda_{L} \left[\begin{array}{c} 0 \\ f \end{array} \right] = \left[\begin{array}{c} 9 \\ 0 \end{array} \right] = \lambda_{R} \left[\begin{array}{c} -0.09 \\ f \end{array} \right]$$

We get[u, V] = [584.500, 361.2500]

\[
\text{Ve} \quad \text{Uu, V} \] = [700.000, 371.7600]

using V & Vo values in eq @

We get

\[
\text{Zc} = 29.685714 mts.}
\]