

Algorithm: *Associating 2D points.*

\forall camera i and $j \neq i$

$\left[\begin{array}{l} \forall x_{in} \text{ point in camera } i \\ \quad \text{Find epipolar line } l_{in} \text{ in camera } j \\ \quad \forall x_{jm} \text{ point in camera } j \\ \quad \quad \left[\begin{array}{l} b_{nm} = \text{distance}(x_{jm}, l_{in}) \\ D_{ij} = \{b_{nm}\}, \text{ possible associations} \end{array} \right. \end{array} \right.$

Algorithm: *Best match.*

\forall camera i and $j \neq i$

$\left[\begin{array}{l} \tilde{D}_{ij} = \text{valid}(D_{ij}) \\ b_{nm}^{ij} = \text{minimum}(\tilde{D}_{ij}) \\ x_{in}x_{jm} \text{ pair corresponding to } b_{nm}^{ij} \\ d_{ij} = \text{distance}[\text{rays_projction}(x_{in}, x_{jn})] \\ d = \text{minimum}(\{d_{ij}\}) \end{array} \right.$