

$$\mathbf{M} = \{(i, j) \mid |V_a| \geq i, |V_b| \geq j\}$$

$$\begin{aligned} \mathbf{T} &= (\mathcal{T}_a, \mathcal{T}_b) \\ \mathcal{T}_i &= (V_i, E_i) \end{aligned}$$

fine registration

$$A_{fine} \in \mathbb{R}^{4 \times 4}$$

map fusion

$$\mathcal{T}_{global} = (V_{global}, E_{global})$$

