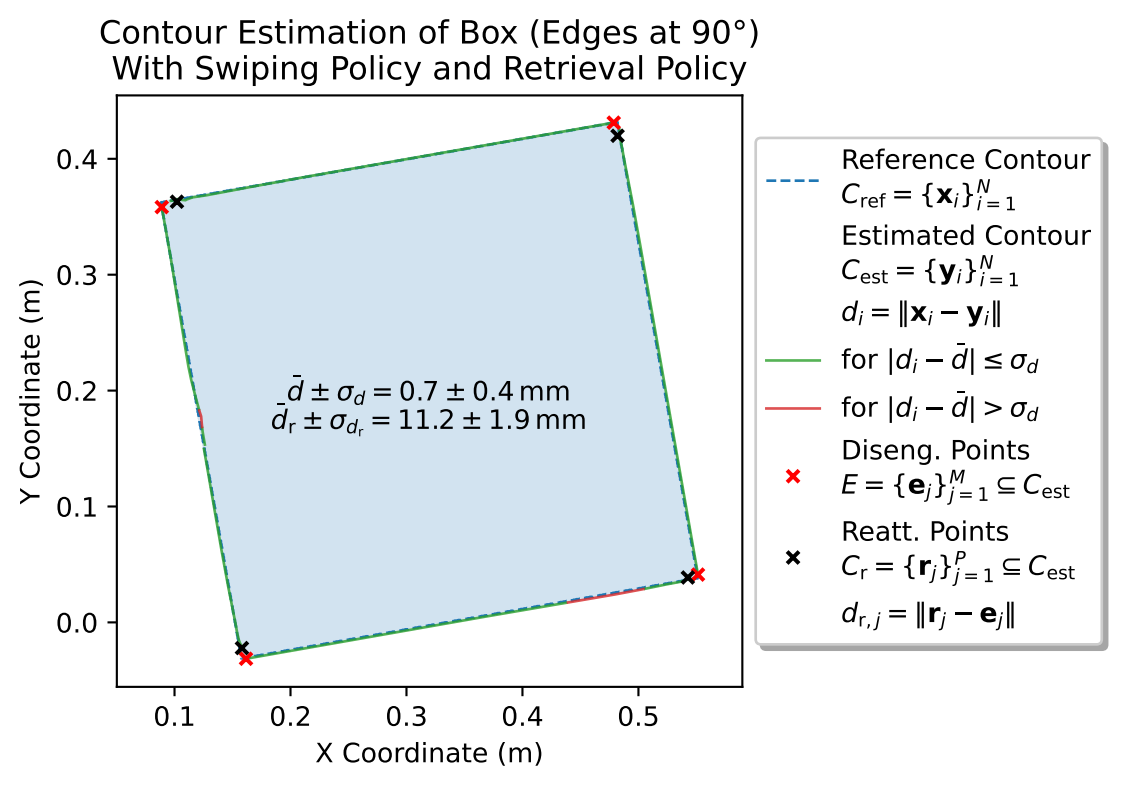
Contour Estimation of Box (Edges at 90°)
With Swiping Policy and Retrieval Policy
$\bar{d} \pm \sigma_d = 0.7 \pm 0.4\,\text{mm}$
$\bar{d}_\text{r} \pm \sigma_{d_\text{r}} = 11.2 \pm 1.9\,\text{mm}$
Reference Contour
$C_\text{ref} = \{\mathbf{x}_i\}_{i=1}^N$
Estimated Contour
$C_\text{est} = \{\mathbf{y}_i\}_{i=1}^N$
$d_i = \|\mathbf{x}_i - \mathbf{y}_i\|$
for $|d_i - \bar{d}| \le \sigma_d$
for $|d_i - \bar{d}| > \sigma_d$
Diseng. Points
$E = \{\mathbf{e}_j\}_{j=1}^M \subseteq C_\text{est}$
Reatt. Points
$C_\text{r} = \{\mathbf{r}_j\}_{j=1}^P \subseteq C_\text{est}$
$d_{\text{r},j} = \|\mathbf{r}_j - \mathbf{e}_j\|$
Y Coordinate (m)
X Coordinate (m)
0.0
0.1
0.2
0.3
0.4
0.5