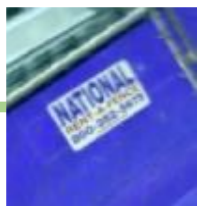


## Stage 1 - Similarity Estimation

Template



①

Search



①

③

RSEW

②

Backbone 1

$F_1$

$F_2$

$F_3$

$F_4$

$G_1$

$G_2$

$G_3$

$G_4$

\*

\*

②

$[\hat{t}_1, \hat{t}_2]$

$[\hat{\theta}, \hat{\gamma}]$

$\hat{H}^S$

③

## Stage 2 - Residual Estimation

STN

E

concat

Backbone 2

Pool

FC

$\Delta \hat{P}$

DLT

$\hat{H}^\Lambda$

$\hat{H}$

