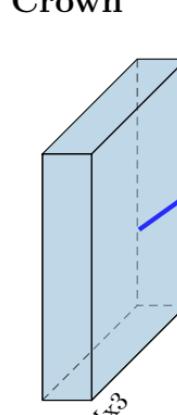
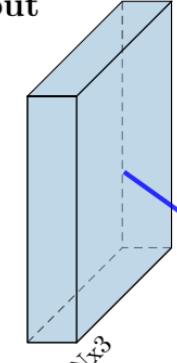


Input



PointNet Feature Extraction

Conv1D+BN+ReLU

Conv1D+BN+ReLU

Conv1D+BN GlobalMaxPool+Dropout

Feature Descriptor  
1

1

Loop 10x

Source  $\times \Delta T$

1024  $\rightarrow$  512  $\rightarrow$  256  $\rightarrow$  6  
Update Net MLP

Apply Transform

Output  
4x4 Transform

PointNetLK Registration Loop

1024

128

128

64

64

64

1024

1024