Raster Image (Original)

Vector Graphics (Traced)

Raster Image (Original)

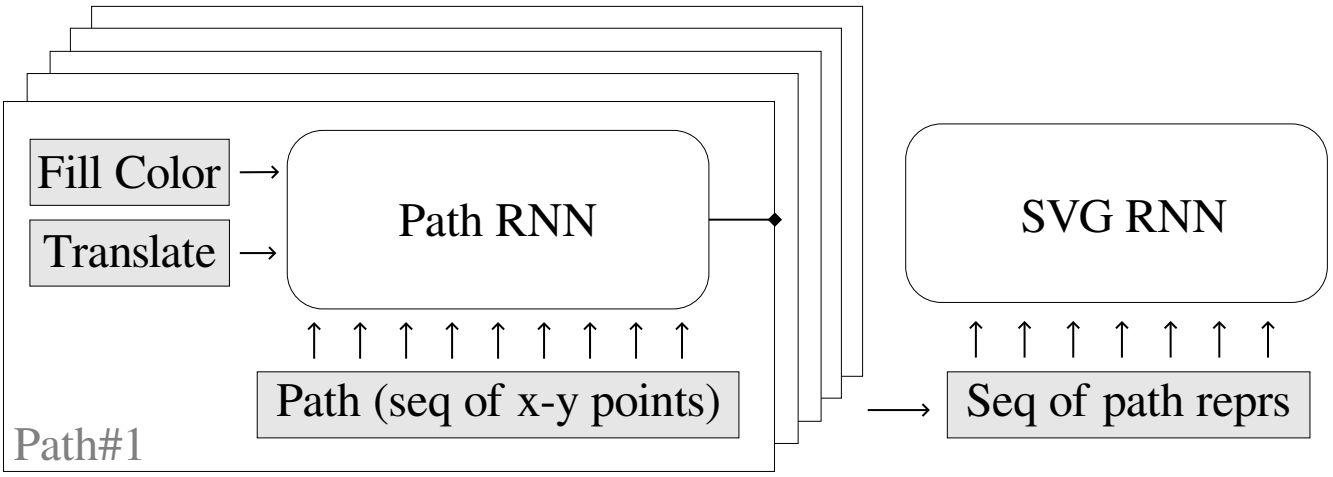
Vector Graphics (Traced)

SVG Code for the traced digit "7" from MNIST:

```
<?xml version="1.0" encoding="UTF-8"?>
<svg version="1.1" xmlns="http://www.w3.org/2000/svg" width="28" height="28">
  <path d="M0,0 L5,1 L4,9 L0,18 L-1,20 L-4,20 L-3,13 L1,4 L-7,5 L-9,4 L-9,2 Z"
   fill="#000000" transform="translate(15,6)"/>
</svg>
```

SVG Code for the traced object "ship" from CIFAR-10:

Hierarchical RNNs



Hierarchical Path Sequence Transformer (HPST)