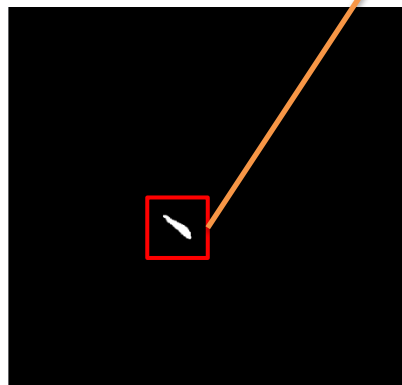


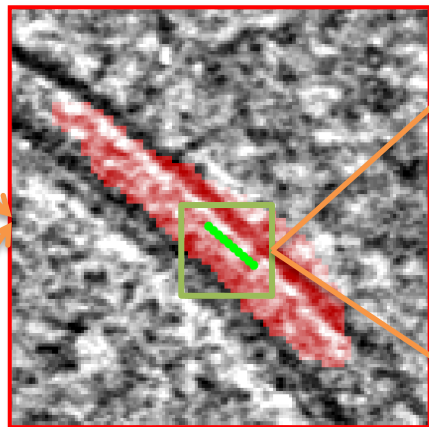
image

ConvNet

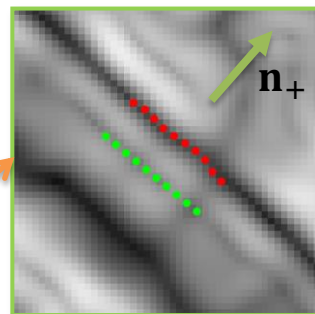


coarse mask

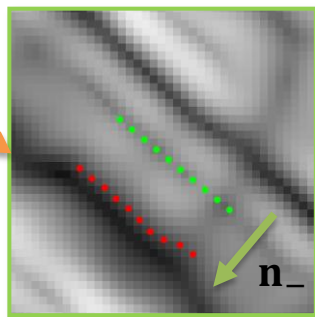
Pre-segmentation



initial centric curve



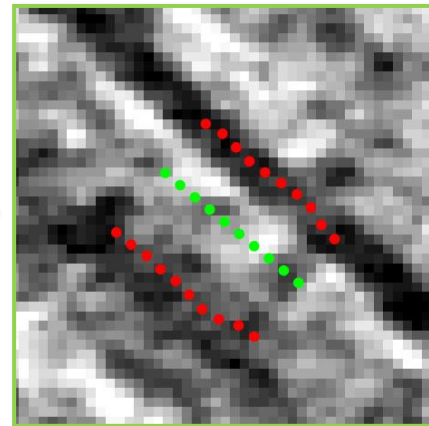
\mathbf{n}_+



\mathbf{n}_-

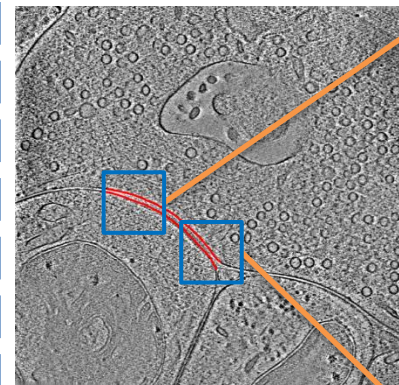
E_{ext}

Curve evolving

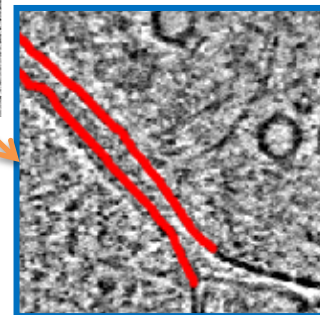
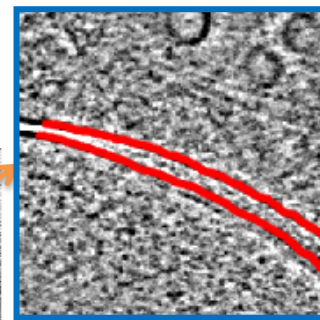


initial contour

Synchronous growing



full contour



cropping