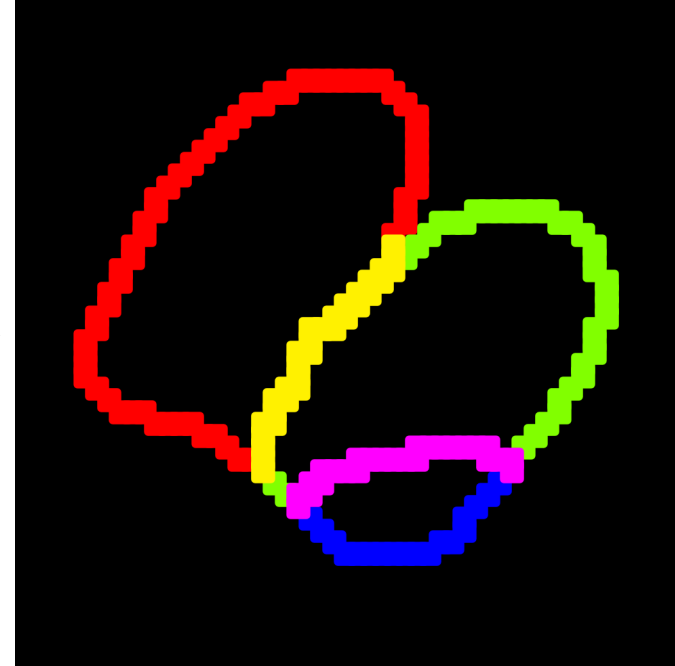
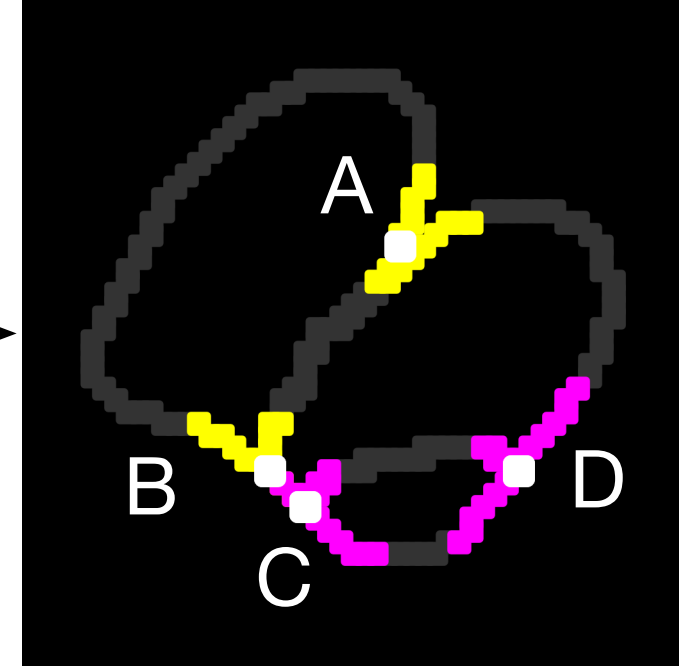


(a) boundaries+  
regions

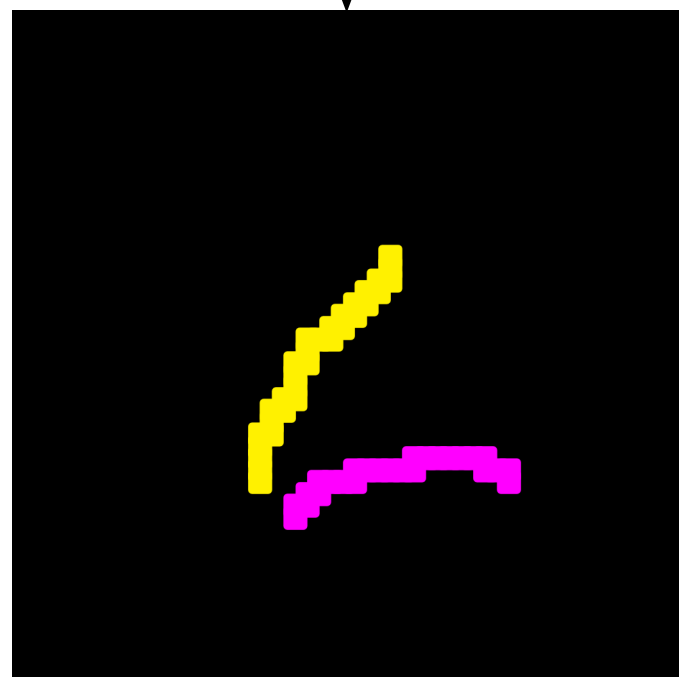


(b) boundary  
codebook

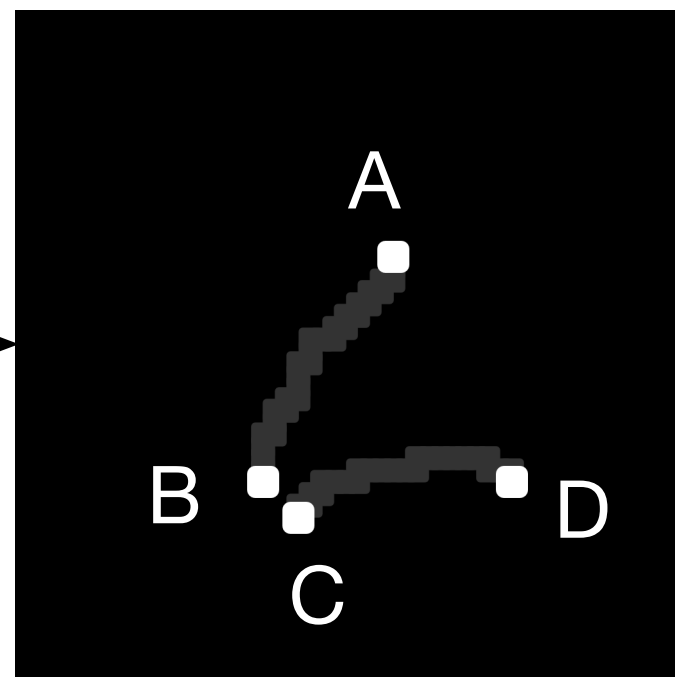
sample  
points



(e) boundary  
signatures



(c) region-region boundaries



(d) endpoints