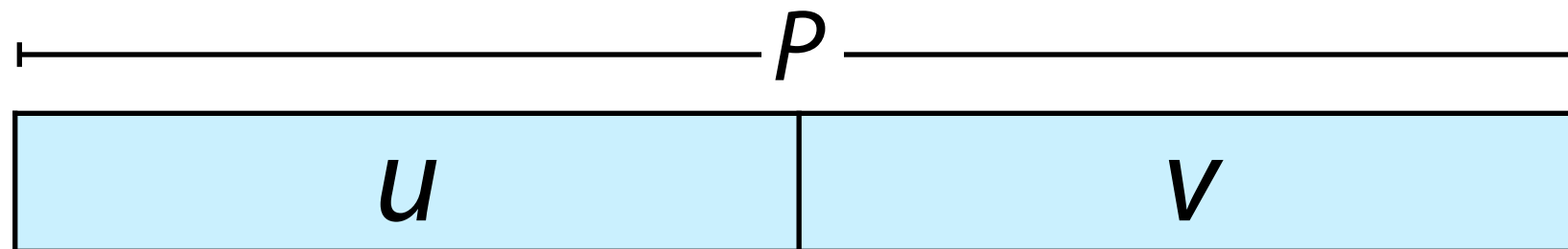
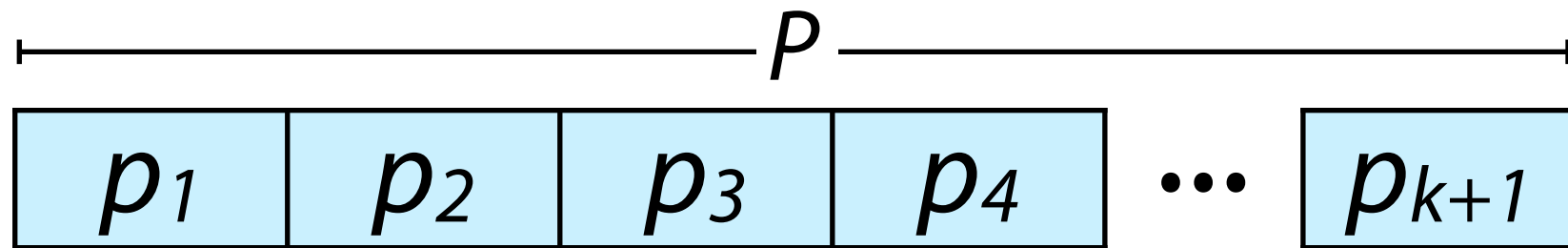


# Approximate matching



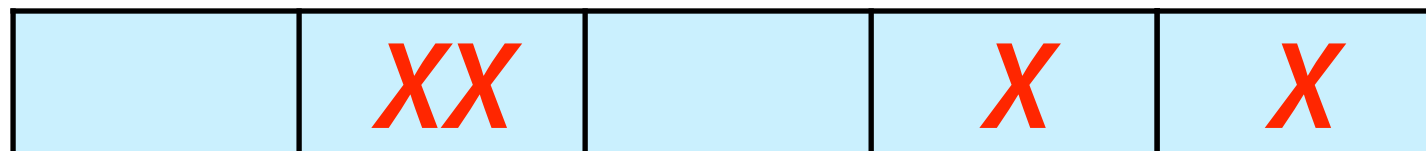
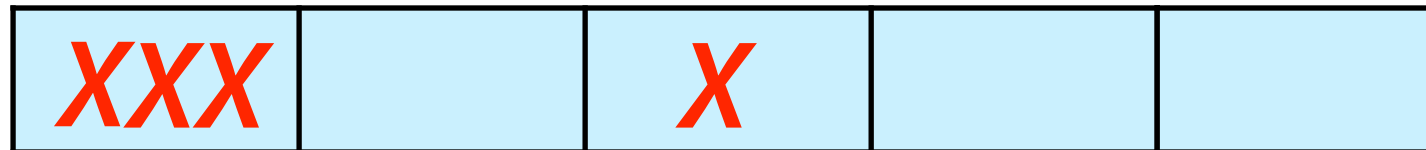
If  $P$  occurs in  $T$  with 1 edit, then  $u$  or  $v$  appears with no edits

# Approximate matching

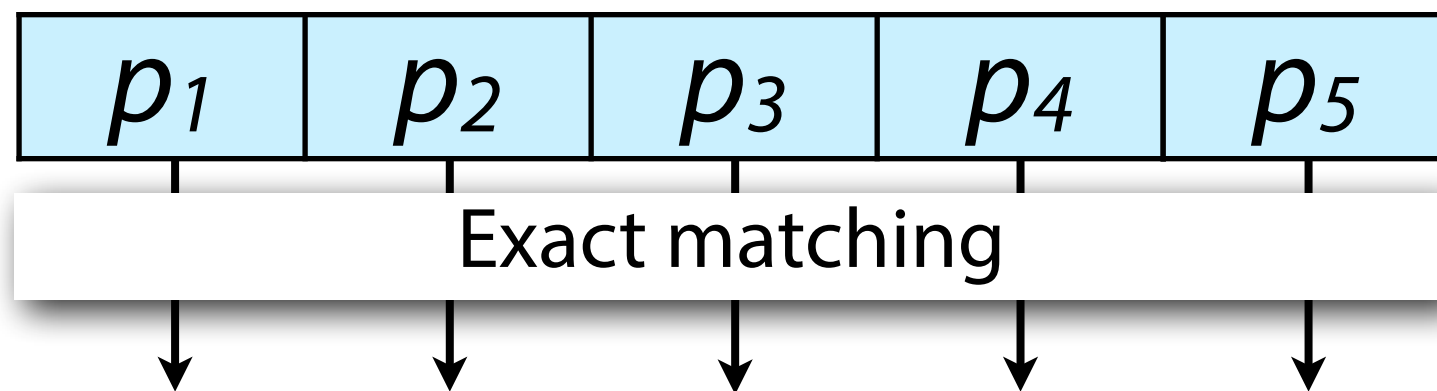


If  $P$  occurs in  $T$  with up to  $k$  edits, at least one of  $p_1, p_2, \dots, p_{k+1}$  must appear with 0 edits

# Approximate matching

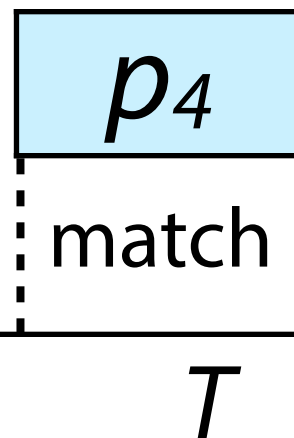


# Pigeonhole principle



$T$

# Pigeonhole principle



# Pigeonhole principle

