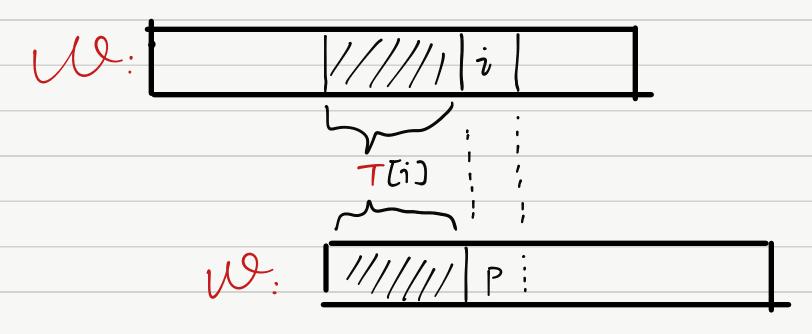
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For Matching a word—W,	the KMP
algorithm computes a table T	of same length
as V.	

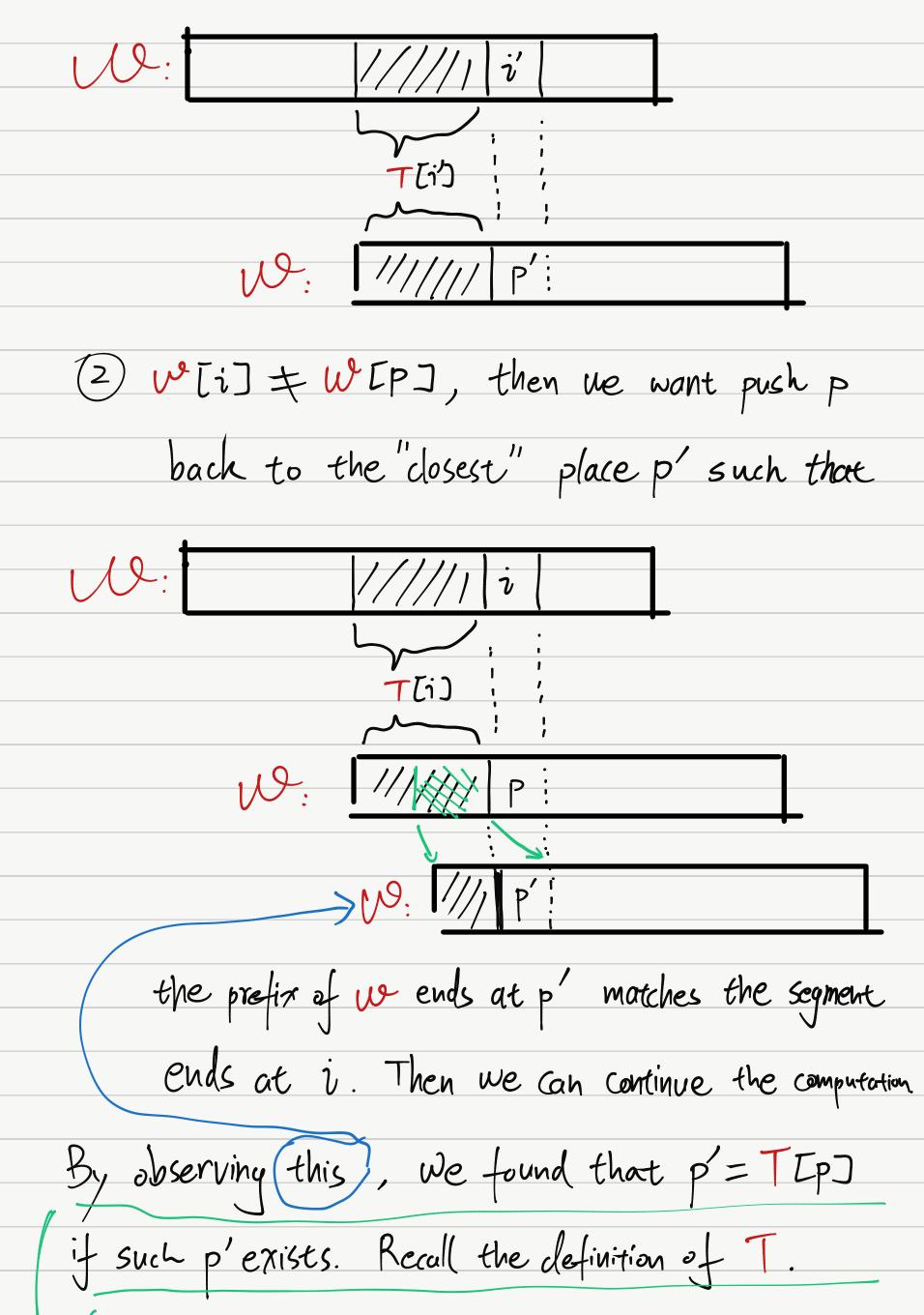
T[i]: the length of the longest prefix of W such that it matches the T[i] dements before W[i]. I.e.,



So now imagine the general case of Ttable computing here:

() W[i] = W[p], then we simply move forward:

i'=i+1; p'=p+1; T[i']=T[i]+1



This pare is the hardest to think of.

To test whether p' is good so that we can move forward, we just went back to the same Situation when we compare W [i] and W[p].

We keep doing this until either we found such p'or no such p'exists. If the latter case, we watch it with w[0] next.

