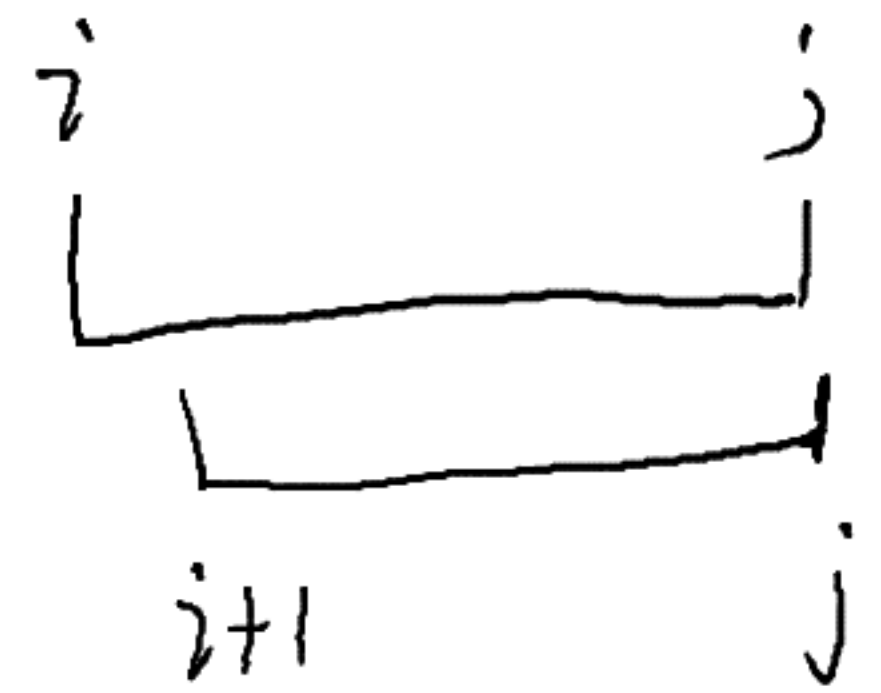
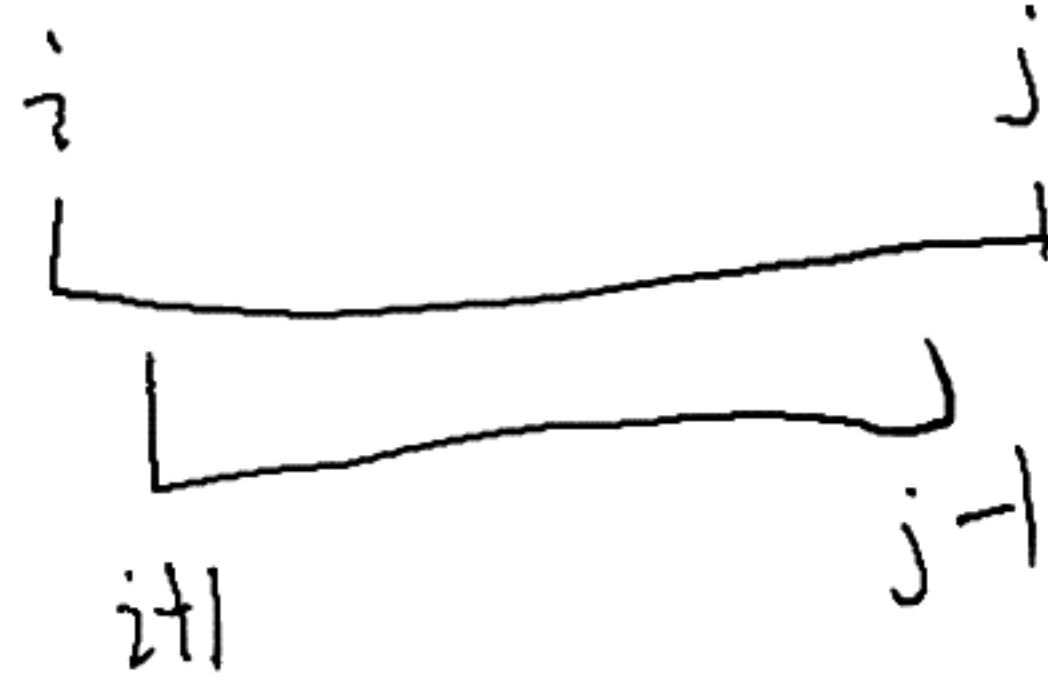
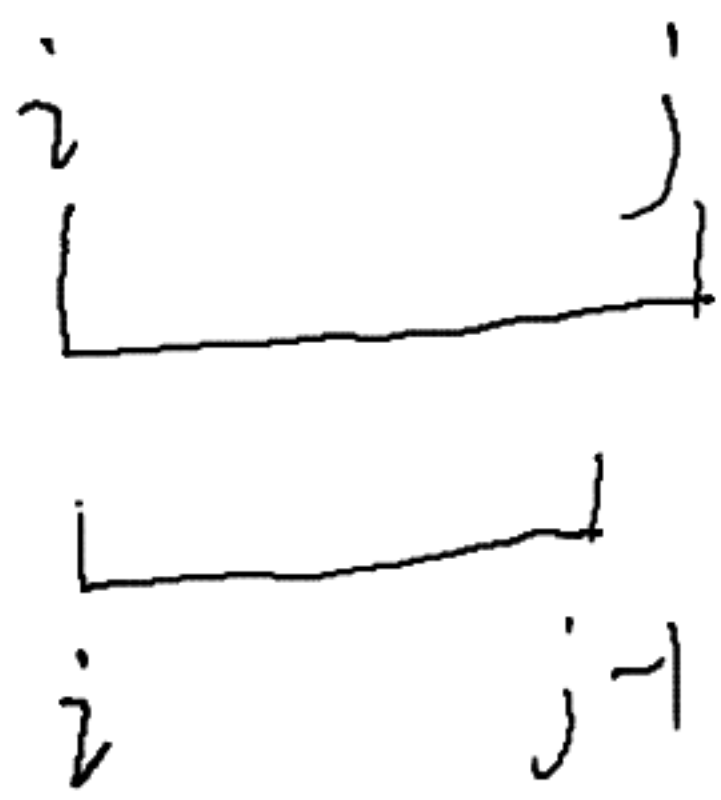


dp, 字符串, 需要考虑两端. (dp 250ms, faster than 5.2%)

s

$dp[i][j]$  代表字符串  $s$  在  $[i, j]$  范围内的最长回文子序列长度

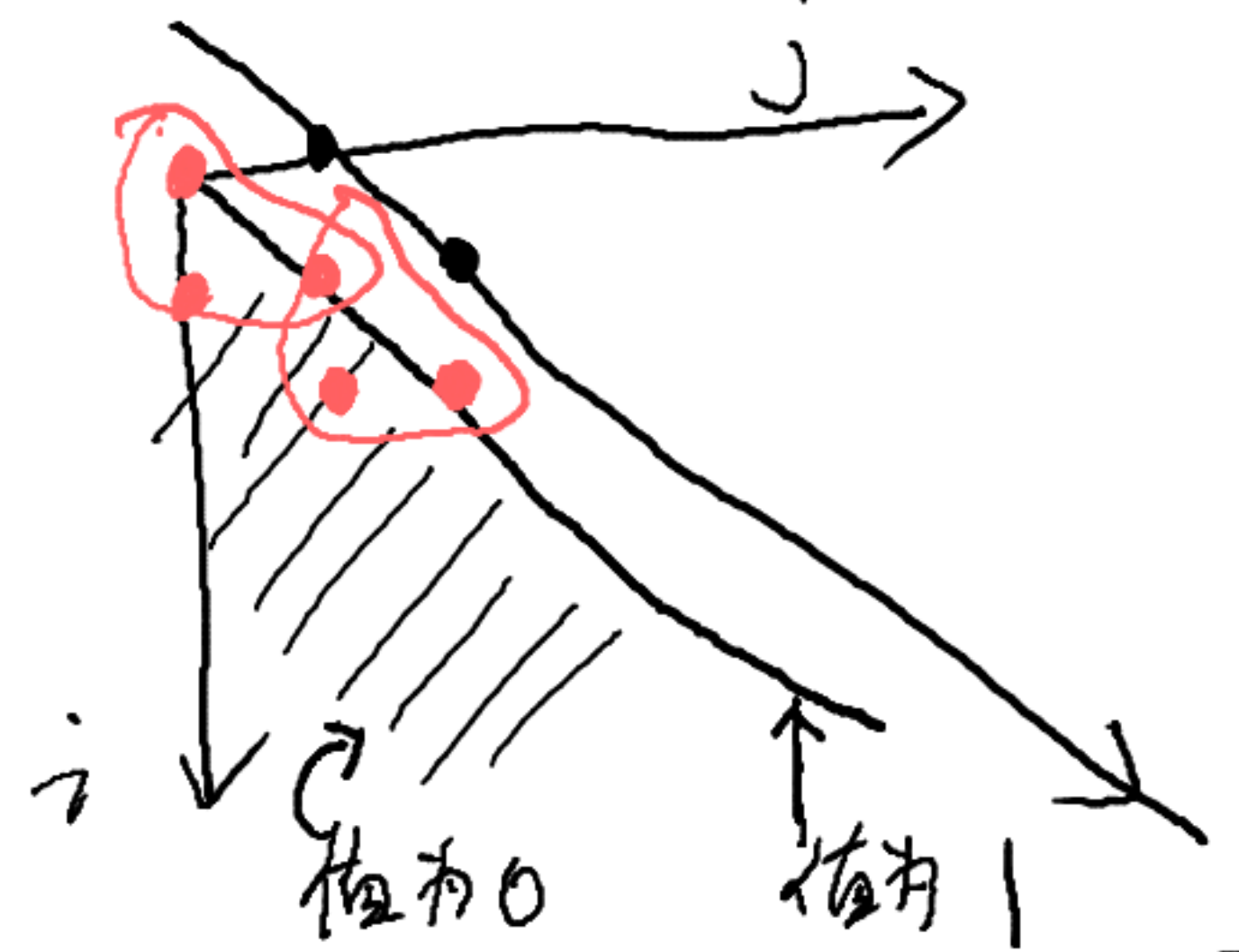
$$dp[i][j] = \max \begin{cases} 2 * (s[i] == s[j]) + dp[i+1][j-1] \\ dp[i][j-1] \\ dp[i+1][j] \end{cases}$$



$$dp[i][j] = 1, i = j$$

$$dp[i][j] = 0, i > j$$

$$dp[i][j] = \text{递推公式}, i < j$$



遍历顺序:

从  $(0, 1)$  开始

$(0, 1) \rightarrow (1, 2) \rightarrow \dots$

$(0, 2) \rightarrow (1, 3) \rightarrow \dots$

$(0, 3) \rightarrow (1, 4) \rightarrow \dots$

$(0, 4) \rightarrow (1, 5) \rightarrow \dots$

$(0, 5) \rightarrow (1, 6) \rightarrow \dots$

