

**BETTERBWMATCHING**(FIRSTOCCURRENCE, *LastColumn*, *Pattern*, COUNT)

$top \leftarrow 0$

$bottom \leftarrow |LastColumn| - 1$

**while**  $top \leq bottom$

**if** *Pattern* is nonempty

$symbol \leftarrow$  last letter in *Pattern*

    remove last letter from *Pattern*

$top \leftarrow \text{FIRSTOCCURRENCE}(symbol) + \text{COUNT}_{symbol}(top, LastColumn)$

$bottom \leftarrow \text{FIRSTOCCURRENCE}(symbol) + \text{COUNT}_{symbol}(bottom + 1, LastColumn) - 1$

**else**

**return**  $bottom - top + 1$

**return**