

## Поиск образцов. Алгоритм Shift-And

$$R[i, j] = \begin{cases} 1, & \text{если } P[1:i] = T[j-i+1:j], \\ 0, & \text{в остальных случаях.} \end{cases}$$

$R[m, j] = 1$ :  $P$  в  $(j - m + 1)$ -й позиции  $T$ .

**Пример.** Пусть  $\Sigma = \{a,b,c\}$ ,  $p = aabac$ ,  $T = aabaacaabacab$ .

$$R[3,3] = 1, R[4,4] = 1, R[5,5] = 0;$$

$$R[1,6] = 0, R[2,7] = 0, R[3,8] = 0 \dots$$

$$R[2,5] = 1, R[3,6] = 0; R[4,7] = 0;$$

$$R[1,7] = 1, R[2,8] = 1, R[3,9] = 1, R[4,9] = 1, R[5,11] = 1$$