

Уравнения (constraints)

k еще не вытеснен из региона R :

$$\left\{ \begin{array}{l} (k||R) \in \{(t_1||r_1), \dots, (t_m||r_m), (k_1||R_1), \dots, (k_n||R_n)\} \\ \sum_{i=1}^m u_{k,R}(t_i||r_i) + \sum_{i=1}^n u_{k,R}(k_i||R_i) < w \\ \{(t_1||r_1), \dots, (t_m||r_m)\} - \text{все разные} \end{array} \right.$$

$$u_{k,R}(s_i) \equiv ((k||R) \notin \{s_i, \dots, s_{m+n}\} \wedge R = R(s_i) \wedge s_i \notin \{s_{i+1}, \dots, s_{m+n}\})$$

$$s \equiv \langle (t_1||r_1), \dots, (t_m||r_m), (k_1||R_1), \dots, (k_n||R_n) \rangle$$