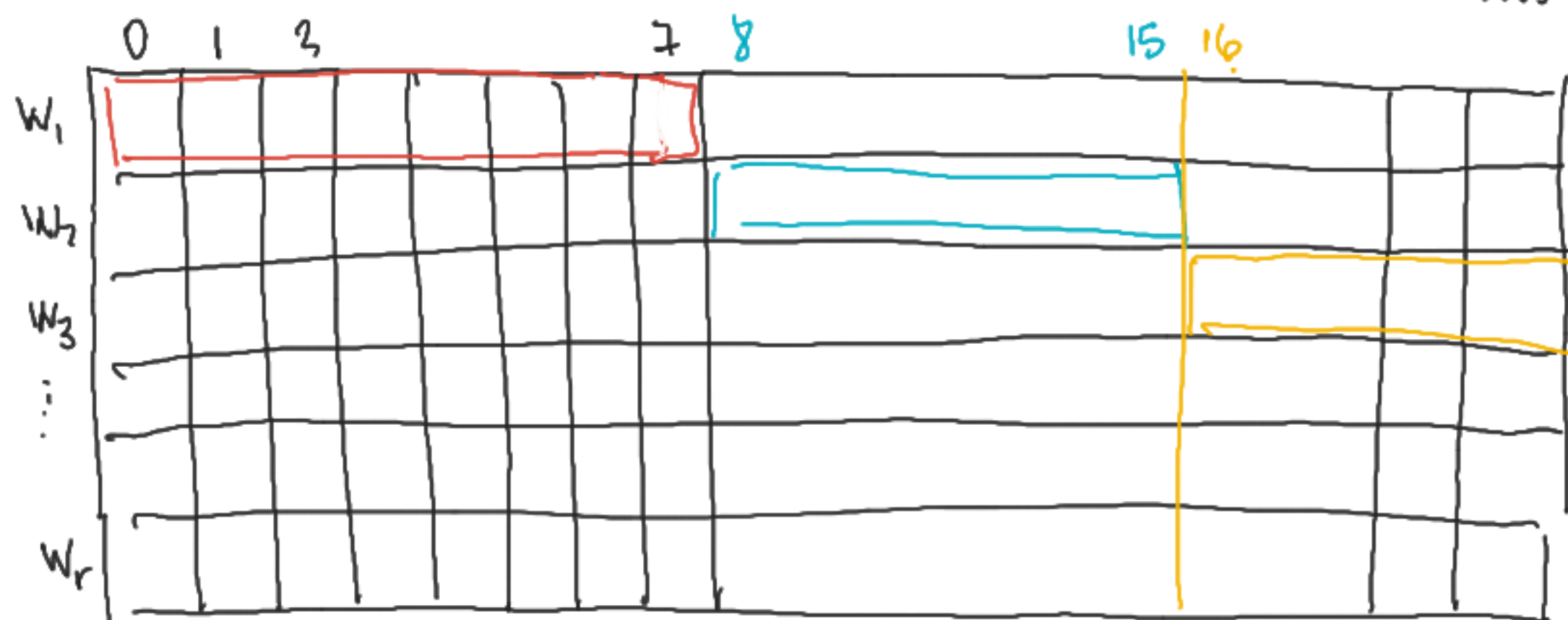


Problema de Asignación (de Recursos).



Turnos $\{0, 8, 16\}$



Salario

S_1
S_2
S_3
S_4
\vdots
i
S_r

Tasa Atermeia

12
15
20
\vdots
7

$$x = \begin{array}{c|c|c|c|c|c|c} w_1 & w_2 & w_3 & \dots & & & w_r \\ \hline -1 & 0 & 8 & 0 & 16 & -1 & 16 \\ \hline x_1 & x_2 & & \dots & & & x_r \end{array}$$

$\text{len}(x) = \# \text{ personal}$

$$T = \{-1, 0, 8, 16\}$$

no trabaja

Fitness:

$$\text{Costo Salario} = \sum_{i=1}^r s_i \mathbb{1}_{[x_i \geq 0]}$$

$$\text{Costo Penalización} = \sum_{j=0}^{23} \mathbb{1} \left[D_j - \underbrace{\sum_{i=1}^r r_i x_{ij}} \right]^+$$

$$\begin{cases} 1; & x_i \geq 0 \\ 0; & x_i < 0 \end{cases}$$

$$\text{Fitness} = \sum_{i=1}^r s_i \mathbb{1}_{[x_i \geq 0]} + \lambda \sum_{j=0}^{23} \mathbb{1} \left(D_j - \sum_{i=1}^r r_i x_{ij} \right)^+$$