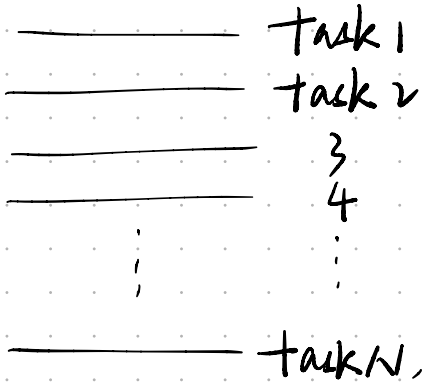
N 个 CPU. M 个 task.



$$R_k = \sum C_k + \sum S_k + \sum_{i=N,\dots,k-1} W_i(R_k) - \left(R_k - \sum_{i=1,N+1,\dots,k-1} W_i(R_k)\right) - \left(R_k - \sum_{i=2,N+1,\dots,k-1} W_i(R_k)\right) - \dots - \left(R_k - \sum_{i=N-1,N+1,\dots,k-1} W_i(R_k)\right) + (N-1)\left(\sum C_k + \sum S_k\right).$$

$k \in [N+1, M]$

$$\Rightarrow N \cdot R_k = N \cdot \left(\sum C_k + \sum S_k\right) + \sum_{i=1,\dots,N} W_i(R_k) + N \cdot \sum_{i=N+1,\dots,k-1} W_i(R_k).$$

$$\Rightarrow R_k = \sum C_k + \sum S_k + \frac{1}{N} \cdot \sum_{i=1,\dots,N} W_i(R_k) + \sum_{i=N+1,\dots,k-1} W_i(R_k)$$

$k \in [N+1, M]$