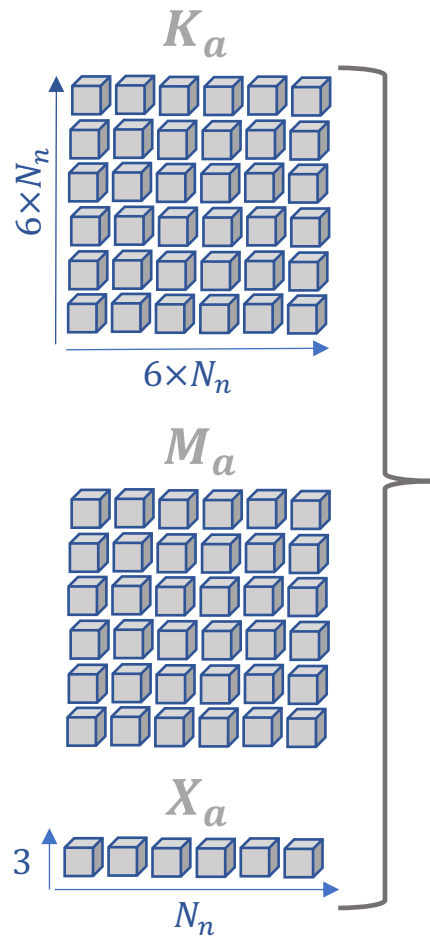


INPUTS

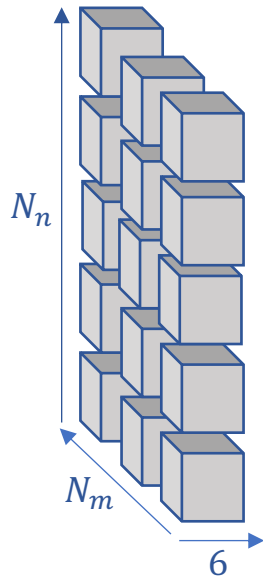


OUTPUTS

$O(\text{time_complexity}; \text{space_complexity})$

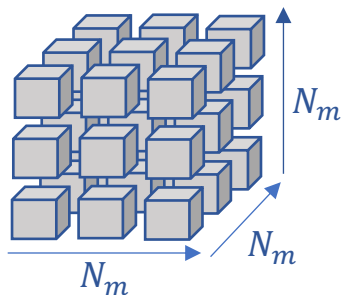
$$O(N_n^2 \times N_m; N_n \times N_m)$$

Φ, Ψ



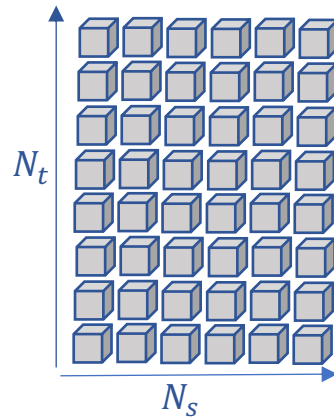
$$O(N_n \times N_m^3; N_m^3)$$

Γ



$$O\left(N_t \times \left(N_m^3 + \begin{cases} N_n & \text{if } R_{ab} \\ 0 & \end{cases}\right); N_t \times N_s\right)$$

q



$$O(N_t \times N_n \times N_m; N_t \times N_n)$$

$X_{1,2,3}$

