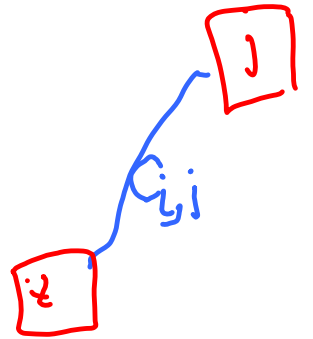


n blocks (levels), m in each block

Let $f_r(i) = \text{min. length path from}$

 i in block r .

$$= \min_j [C_{i,j} + f_{r+1}(j)]$$



$$f_n(i) = C_{i,F}$$

Execution time =

$$O(n \times m \times m) = O(nm^2) \ll m^n$$

#blocks size of block time to compute minimum