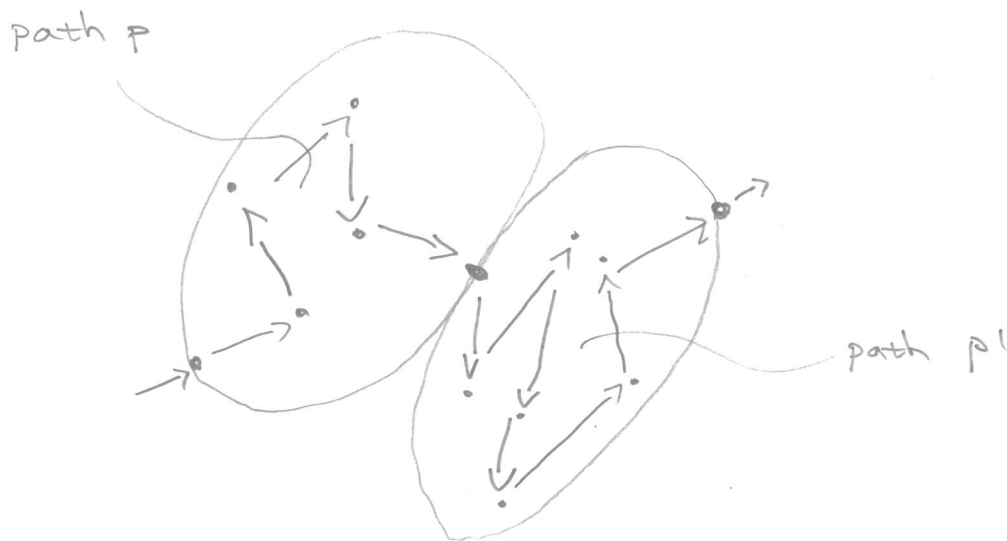


One way to split problem into subproblems:



$$p = v_1 \dots v_n \quad p_i = v_i \quad p_{ij} = v_i v_{i+1} \dots v_j$$

$$EL(p) = \sum_{1 \leq i \leq |p|} d(p_i) \cdot c(p_{ii})$$

$$EL(p') = \sum_{1 \leq i \leq |p'|} d(p'_i) \cdot c(p'_{ii})$$

Assuming pp' is a valid path,

$$EL(pp') = EL(p) + ?$$