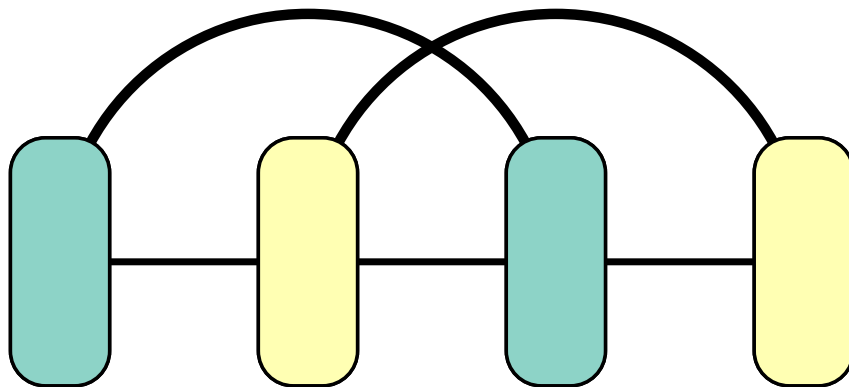


fatgraph name: H



a b c d e

first and last anchors, already given: a, h

$$A = \min (B [])$$

$$B = \min_{a,c,d,f,h} \left(D[a, f|c, d] + C[c, d, f, h] \right)$$

$$C[c, d, f, h] = \min_g \left(C_{\boxtimes}[c, d-1, g, h-1] \right)$$

$$D'[a, f|c, d] = \min \begin{cases} D'[a, f-1|c, d], & \text{if } f-1 \notin \{a, c, d\} \\ D[a+1, f-1|c, d] + \Delta G(a, f) & \text{if } \{a+1, f-1\} \cap \{c, d\} = \emptyset \end{cases}$$

$$D[a, f|c, d] = \min \begin{cases} D[a+1, f|c, d], & \text{if } a+1 \notin \{f, c, d\} \\ D'[a, f-1|c, d], & \text{if } f-1 \notin \{a, c, d\} \\ D[a+1, f-1|c, d] + \Delta G(a, f) & \text{if } \{a+1, f-1\} \cap \{c, d\} = \emptyset \end{cases}$$