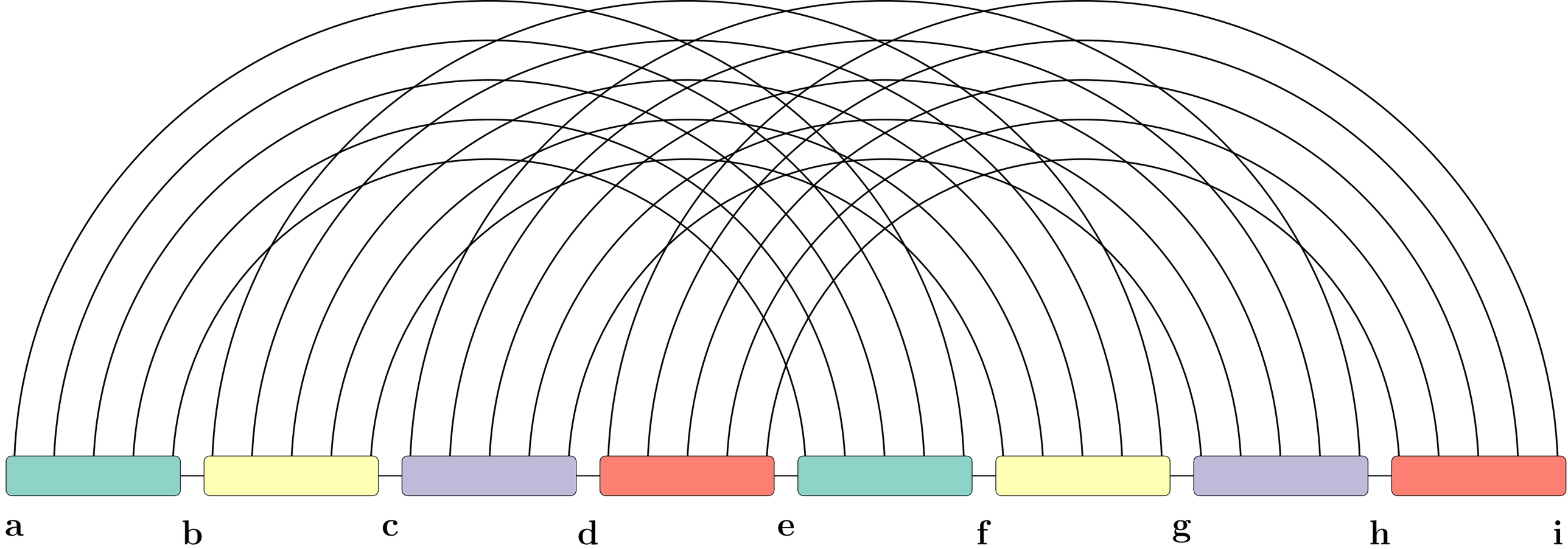
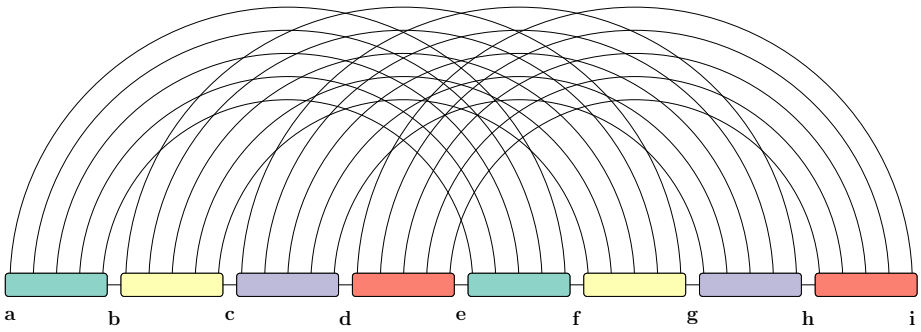

a
b
c
d
e
f
g
h
i

fatgraph name: K4

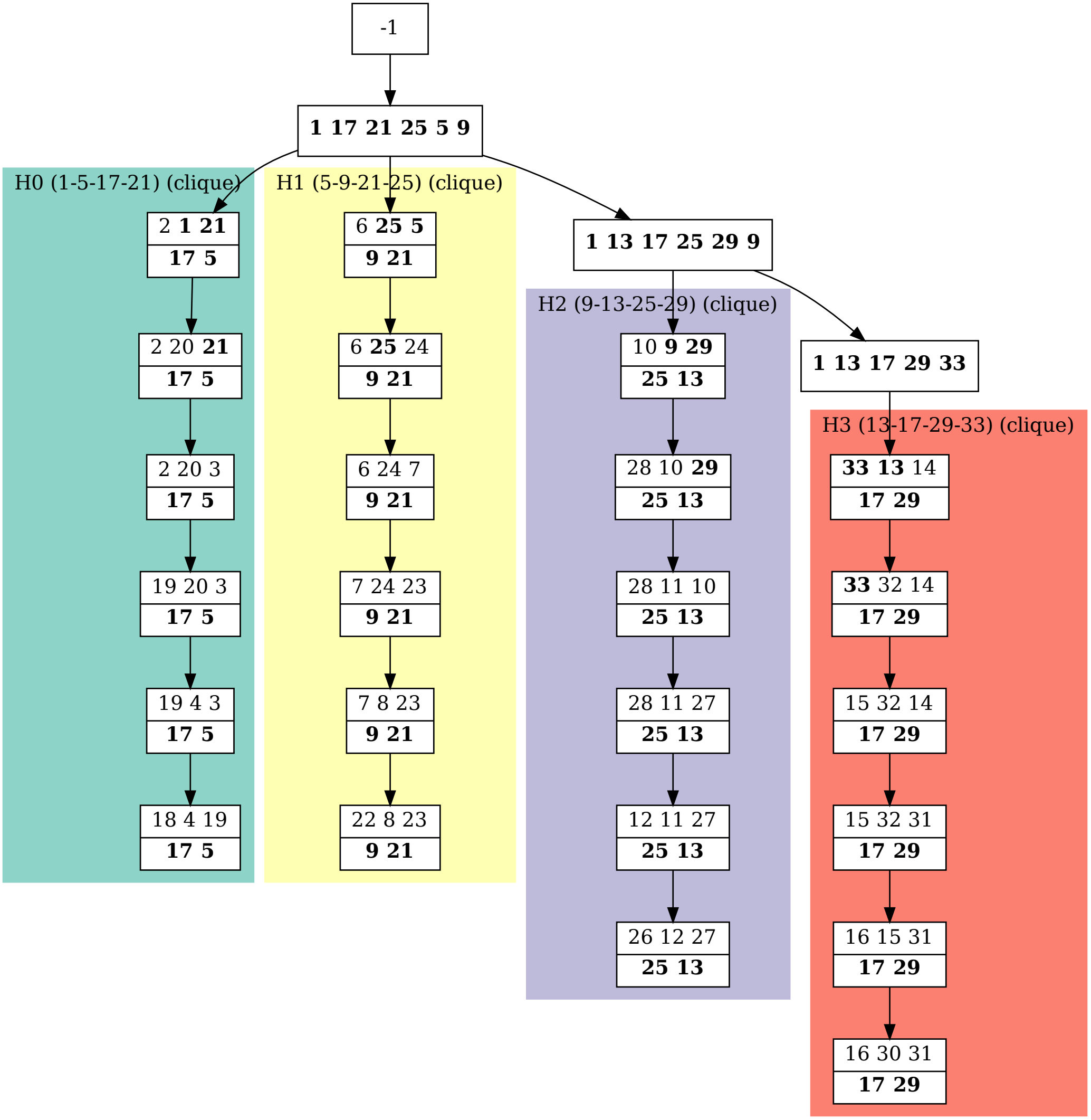


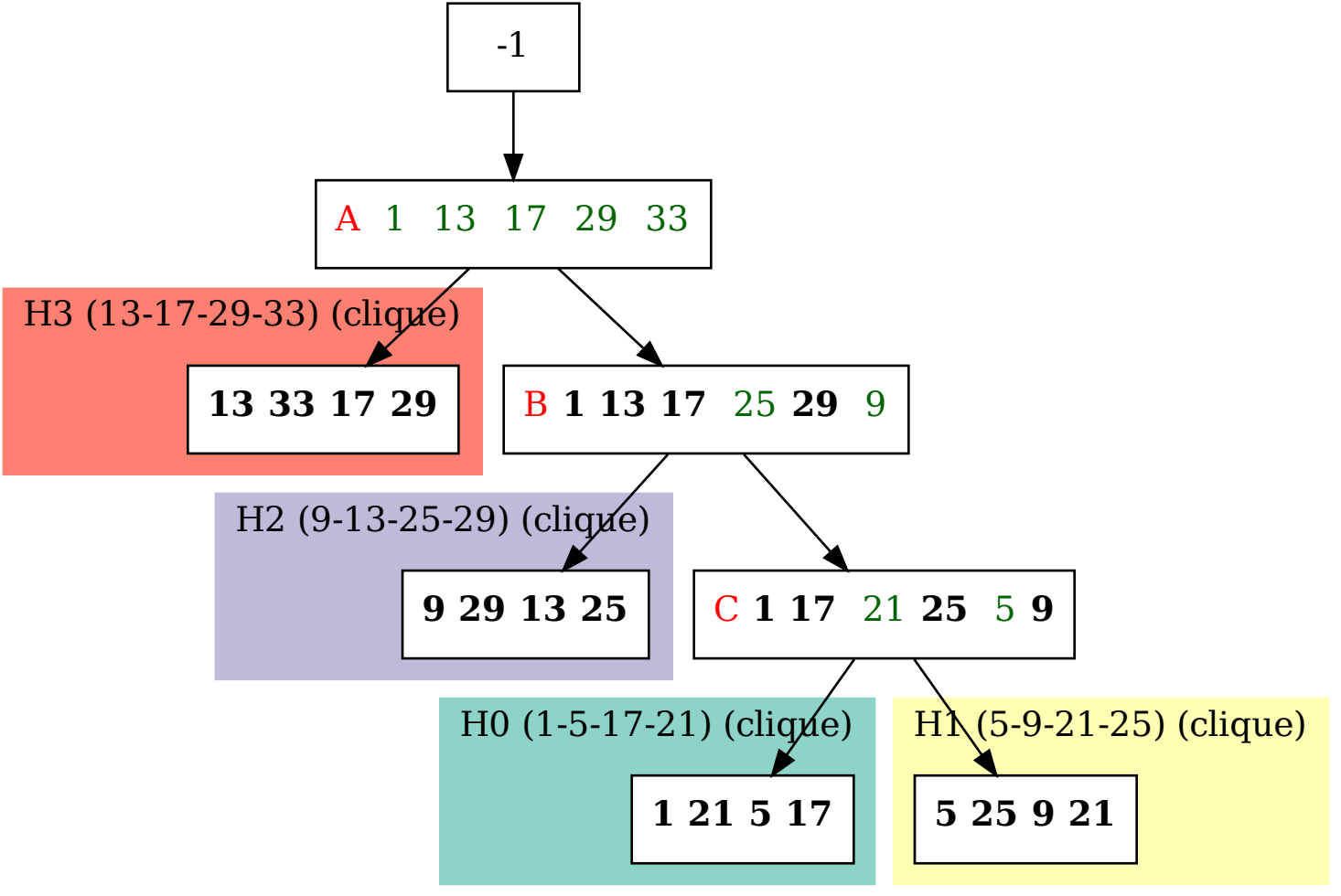
first and last anchors, already given: a, i

$$A = \min_{a,d,e,h,i} \Big(B\,[a,d,e,h] + C_{\boxtimes}\,[d, e-1, h, i-1] \Big)$$

$$B\,[a,d,e,h] = \min_{c,g} \Big(C\,[a,c,e,g] + C_{\boxtimes}\,[c, d-1, g, h-1] \Big)$$

$$C\,[a,c,e,g] = \min_{b,f} \Big(C_{\boxtimes}\,[b, c-1, f, g-1] + C_{\boxtimes}\,[a, b-1, e, f-1] \Big)$$


-1
1 17 21 25 5 9
H0 (1-5-17-21) (clique)
2 1 21
17 5
2 20 21
17 5
2 20 3
17 5
19 20 3
17 5
19 4 3
17 5
18 4 19
17 5
H1 (5-9-21-25) (clique)
6 25 5
9 21
6 25 24
9 21
6 24 7
9 21
7 24 23
9 21
7 8 23
9 21
22 8 23
9 21
1 13 17 25 29 9
H2 (9-13-25-29) (clique)
10 9 29
25 13
28 10 29
25 13
28 11 10
25 13
28 11 27
25 13
12 11 27
25 13
26 12 27
25 13
1 13 17 29 33
H3 (13-17-29-33) (clique)
33 13 14
17 29
33 32 14
17 29
15 32 14
17 29
15 32 31
17 29
16 15 31
17 29
16 30 31
17 29


-1
A 1 13 17 29 33
H3 (13-17-29-33) (clique)
13 33 17 29
B 1 13 17 25 29 9
H2 (9-13-25-29) (clique)
9 29 13 25
C 1 17 21 25 5 9
H0 (1-5-17-21) (clique)
1 21 5 17
H1 (5-9-21-25) (clique)
5 25 9 21