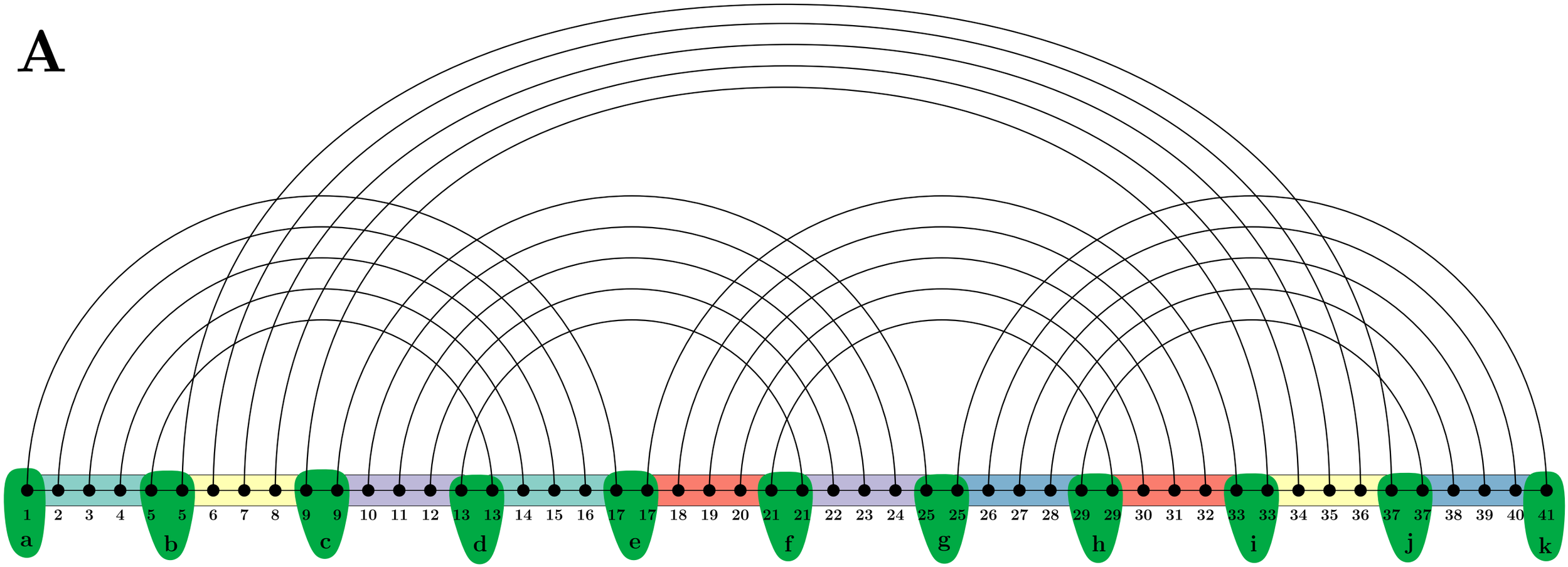

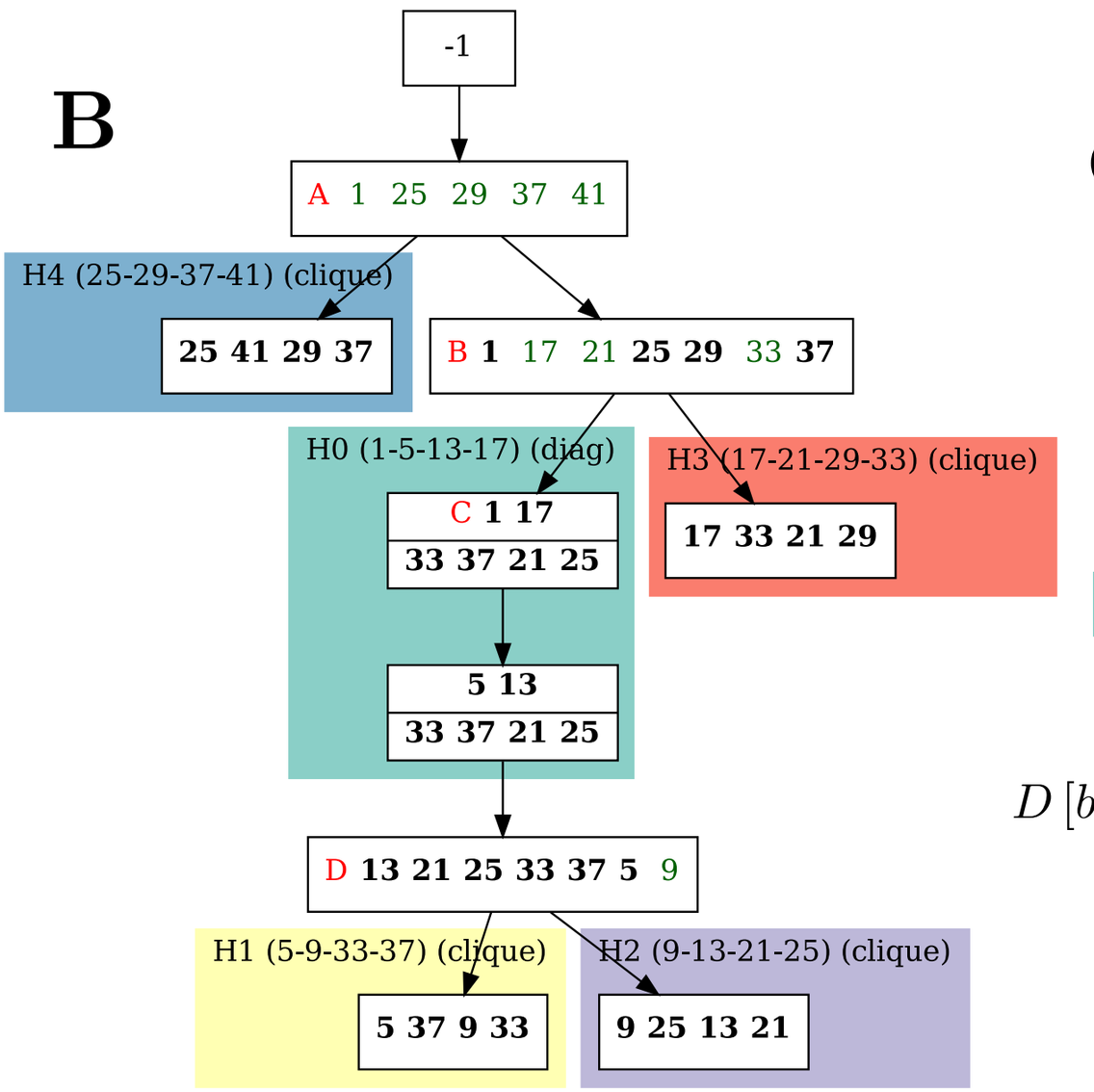

C

$$A = \min_{a,g,h,j,k} \left(B\left[a, g, h, j\right] + C_{\boxtimes}[g, h-1, j, k-1]\right)$$

$$B\left[a, g, h, j\right] = \min_{e,f,i} \left(C_{\boxtimes}[e, f-1, h, i-1\,] + C\left[a, e | f, g, i, j\right]\right)$$

$$C\left[a, e | f, g, i, j\right] = \min \begin{cases} C[a+1, e | f, g, i, j], \\ C[a, e-1 | f, g, i, j], \\ C[a+1, e-1 | f, g, i, j] + \Delta G(a, e), \\ D[a, e+1\,, f, g, i, j] \end{cases}$$

$$D\left[b, d, f, g, i, j\right] = \min_{c} \left(C_{\boxtimes}[c, d-1, f, g-1] + C_{\boxtimes}[b, c-1\,, i, j-1]\right)$$