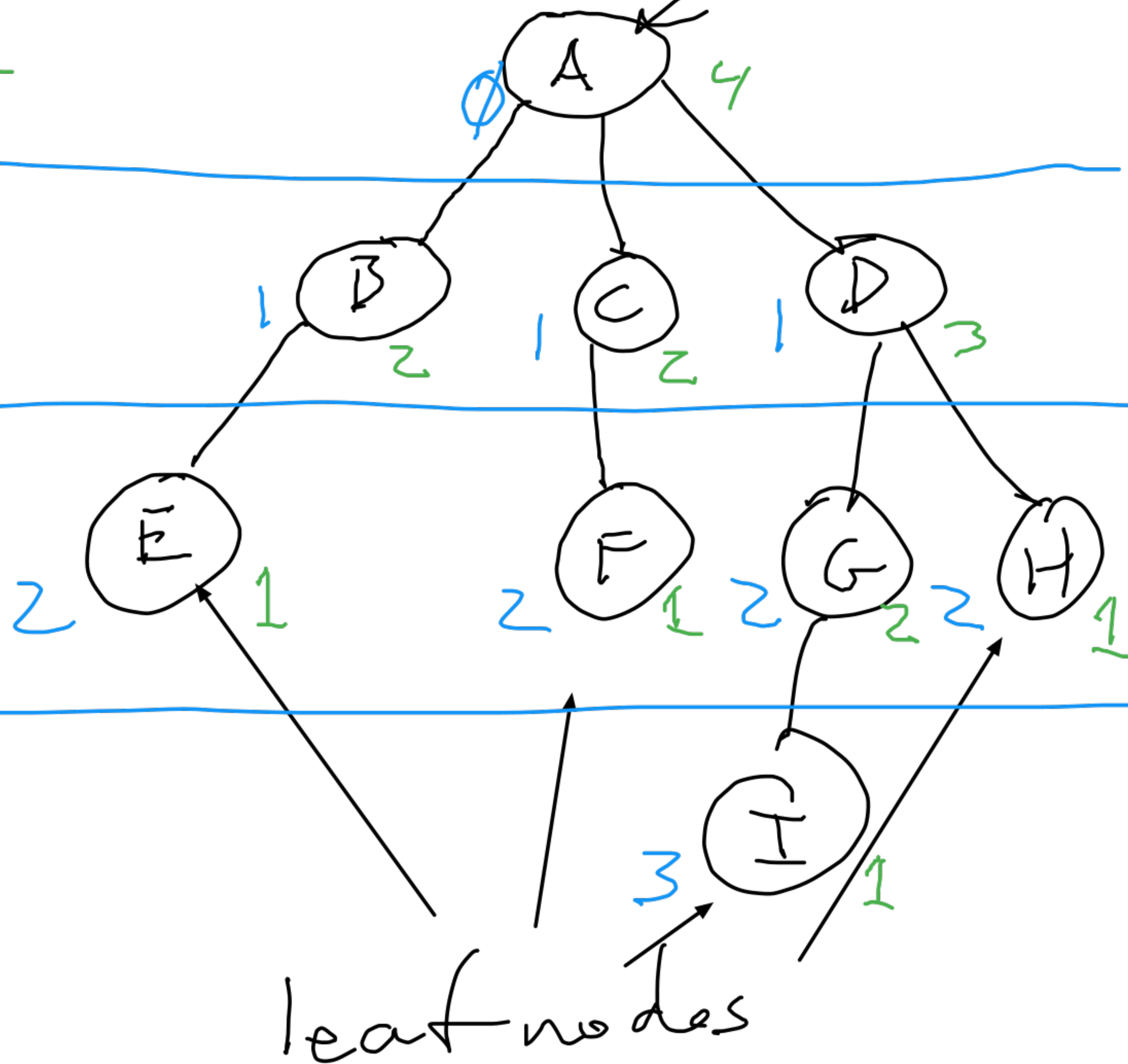


depth \rightarrow level
height

root

\bigcirc = node
/ = edge



internal nodes:

B, C, D, G

valid paths:

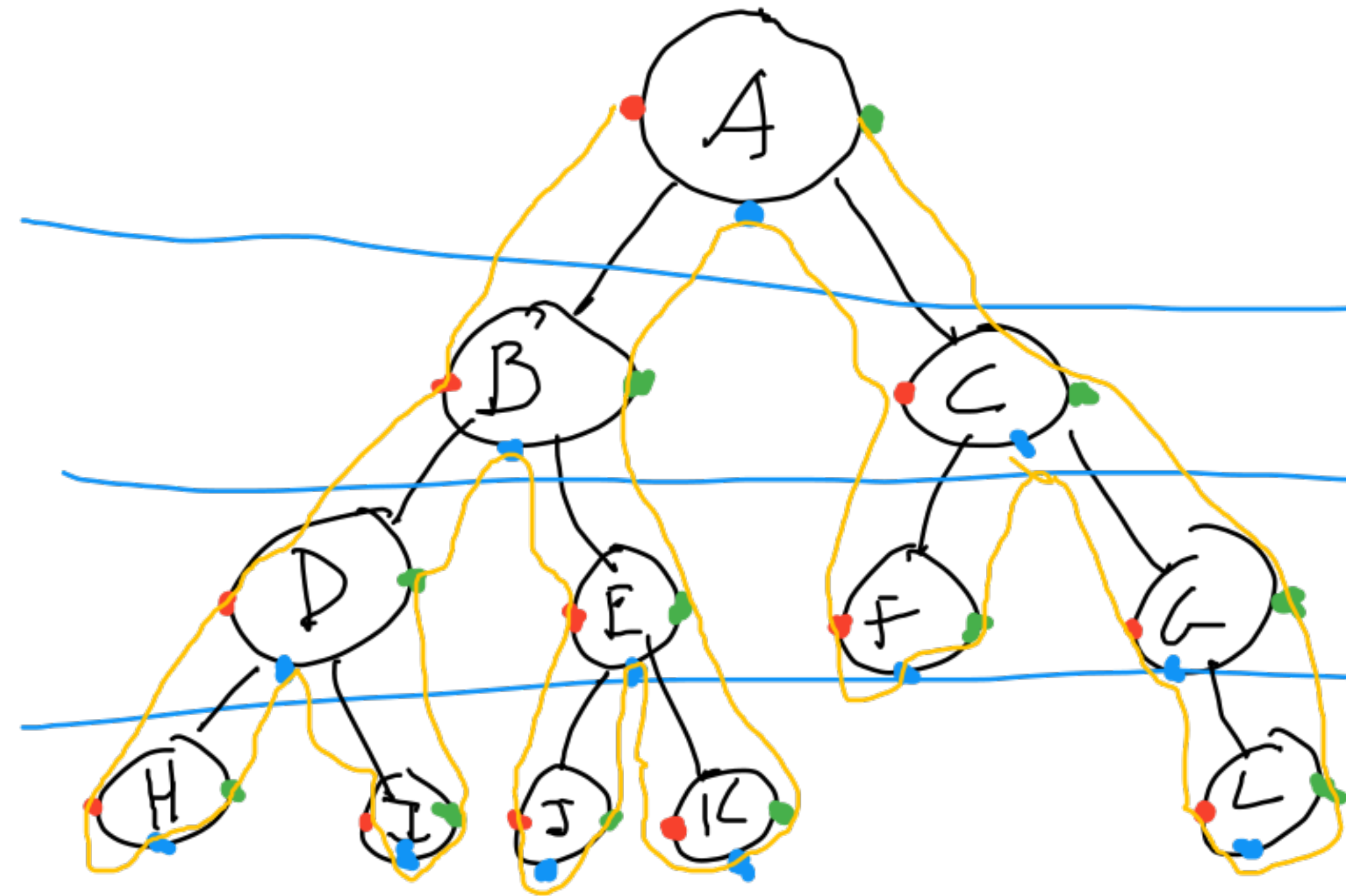
- A, D, H

- D, G, I

invalid paths:

- A, F

- G, B, E



pre: A, B, D, H, I, E, J, K, C, F, G, L

post: H, I, D, J, K, E, B, F, L, G, C, A

in: H, D, I, B, J, E, K, A, F, C, G, L

DFS:

- pre-order: visit root, traverse left, traverse right
- post-order: traverse left, traverse right, visit root
- in-order: traverse left, visit root, traverse right