**Figure 2:** Left: *Treelet consisting of 7 leaves (A–G) and 6 internal nodes, including the root (R). The leaves can either be actual leaf nodes of the BVH (A, B, C, F), or they can represent arbitrary subtrees (D, E, G).* Right: *Reorganized treelet topology to minimize the overall SAH cost. Descendants of the treelet leaves are kept intact, but their location in the tree is allowed to change.*