


13.2-3.

Let a , b and c be arbitrary nodes in subtrees α , β and γ , respectively, in the left tree of Figure 13.2. How do the depths of a , b and c change when a left rotation is performed on node x in the figure?

Answer.

The depths of a increments by 1, b 's depth remains unchanged and c 's depth decrement by 1 when a left rotation is perform on node x in the figure.

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