(a) Before insertion   (b) After inserting into X_R (c) After inserting into X_L

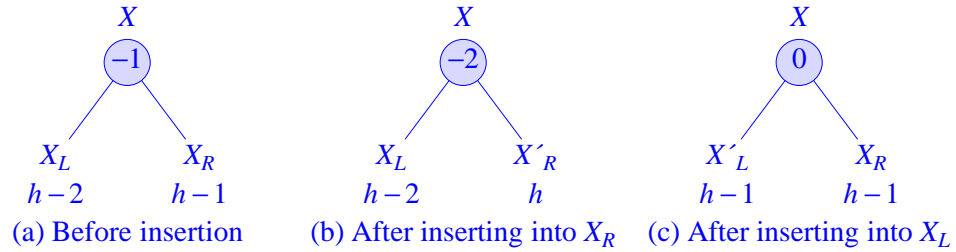Balance factor of X is inside the node.
Subtree heights are below subtree names.

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