

3.2 BINARY SEARCH TREE DEMO

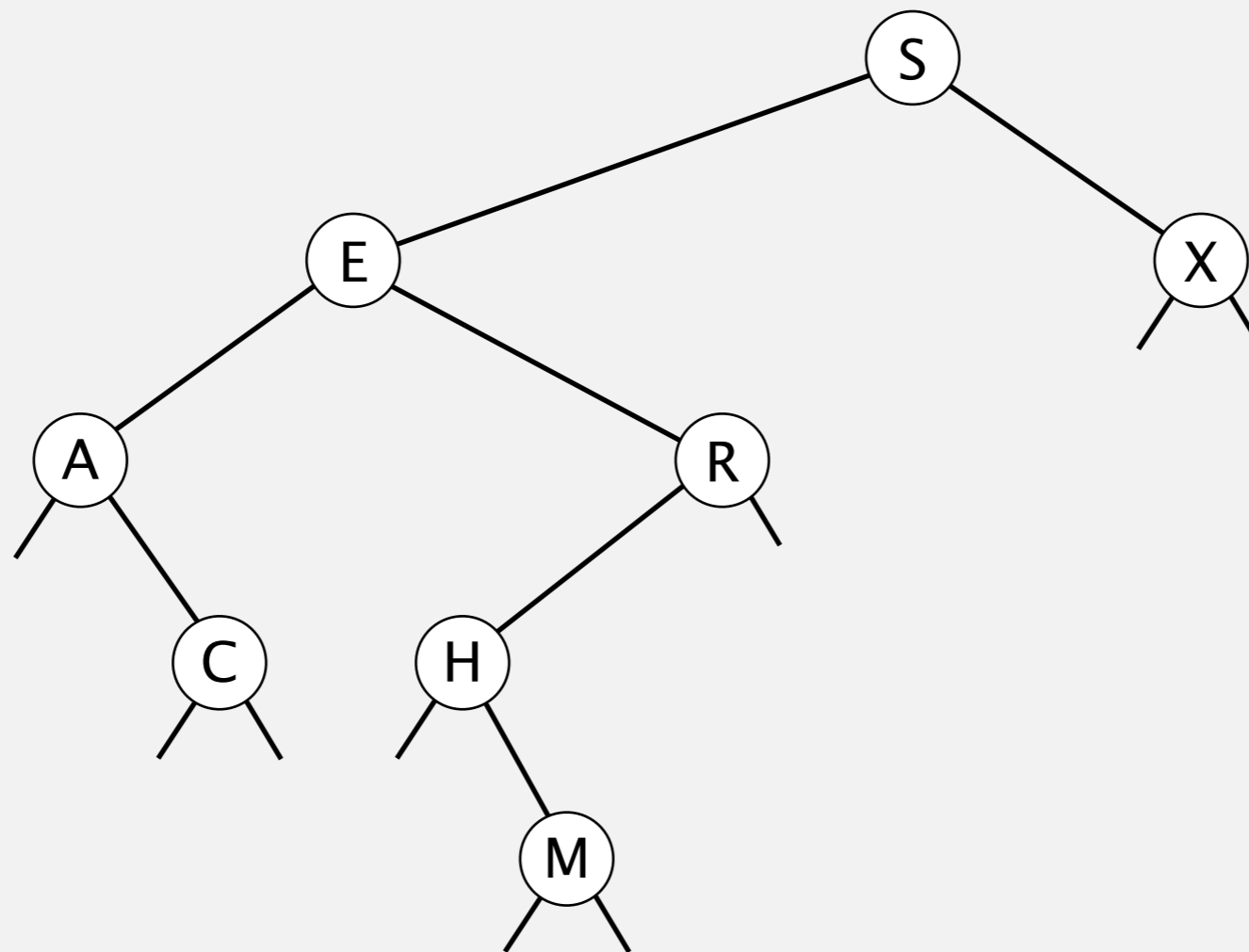


[click to begin demo](#)

Binary search tree operations

Search. If less, go left; if greater, go right; if equal, search hit.

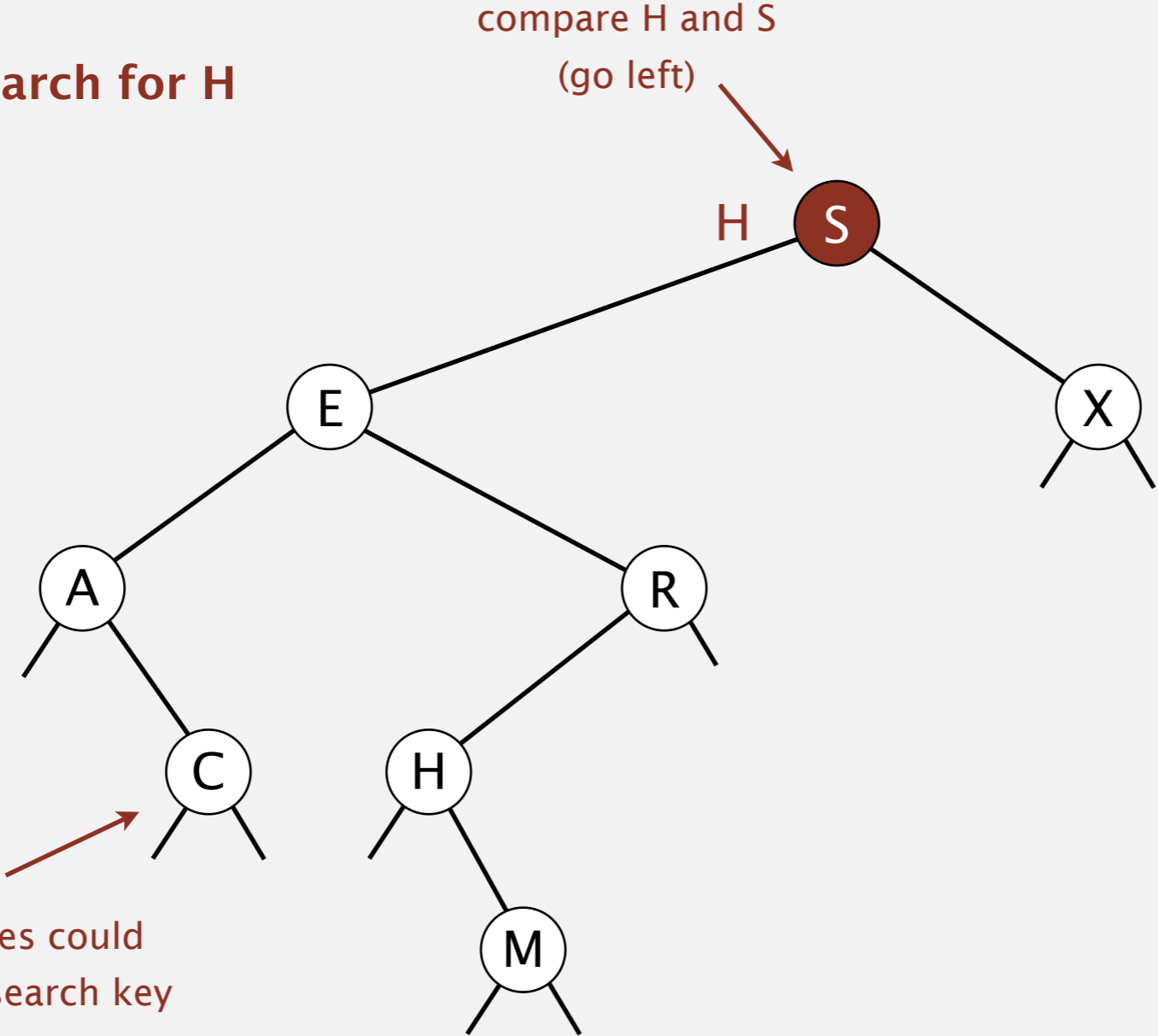
successful search for H



Binary search tree operations

Search. If less, go left; if greater, go right; if equal, search hit.

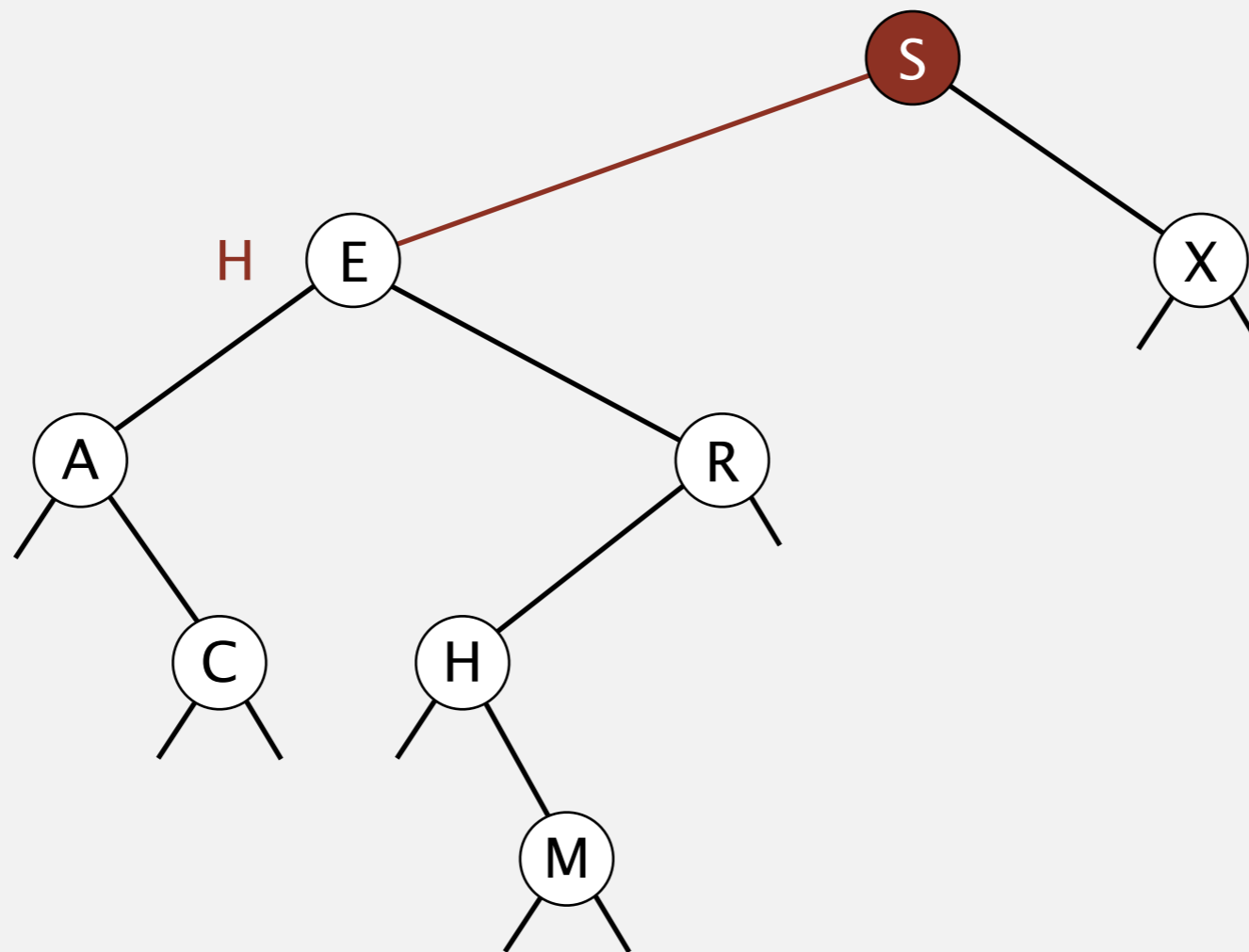
successful search for H



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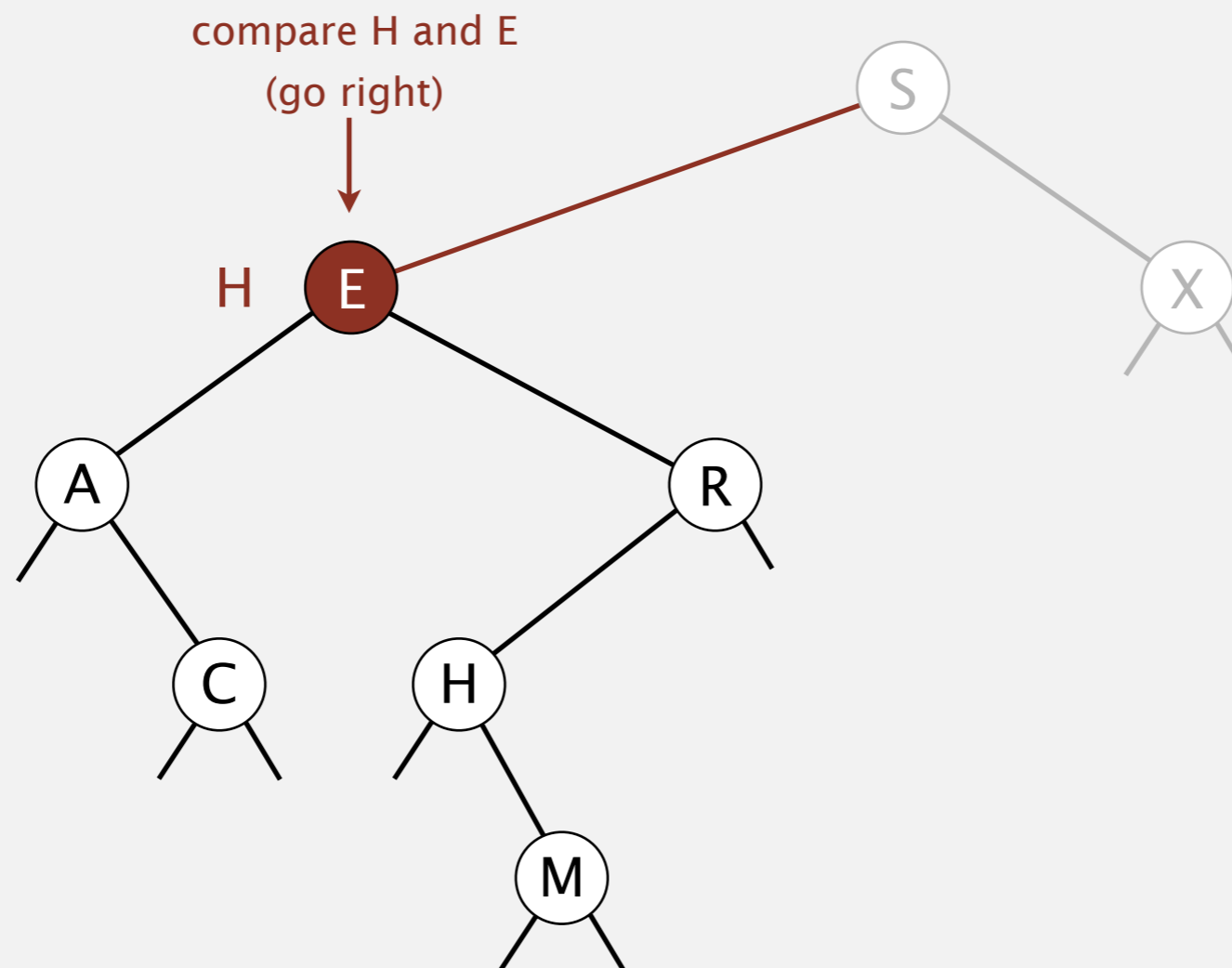
successful search for H



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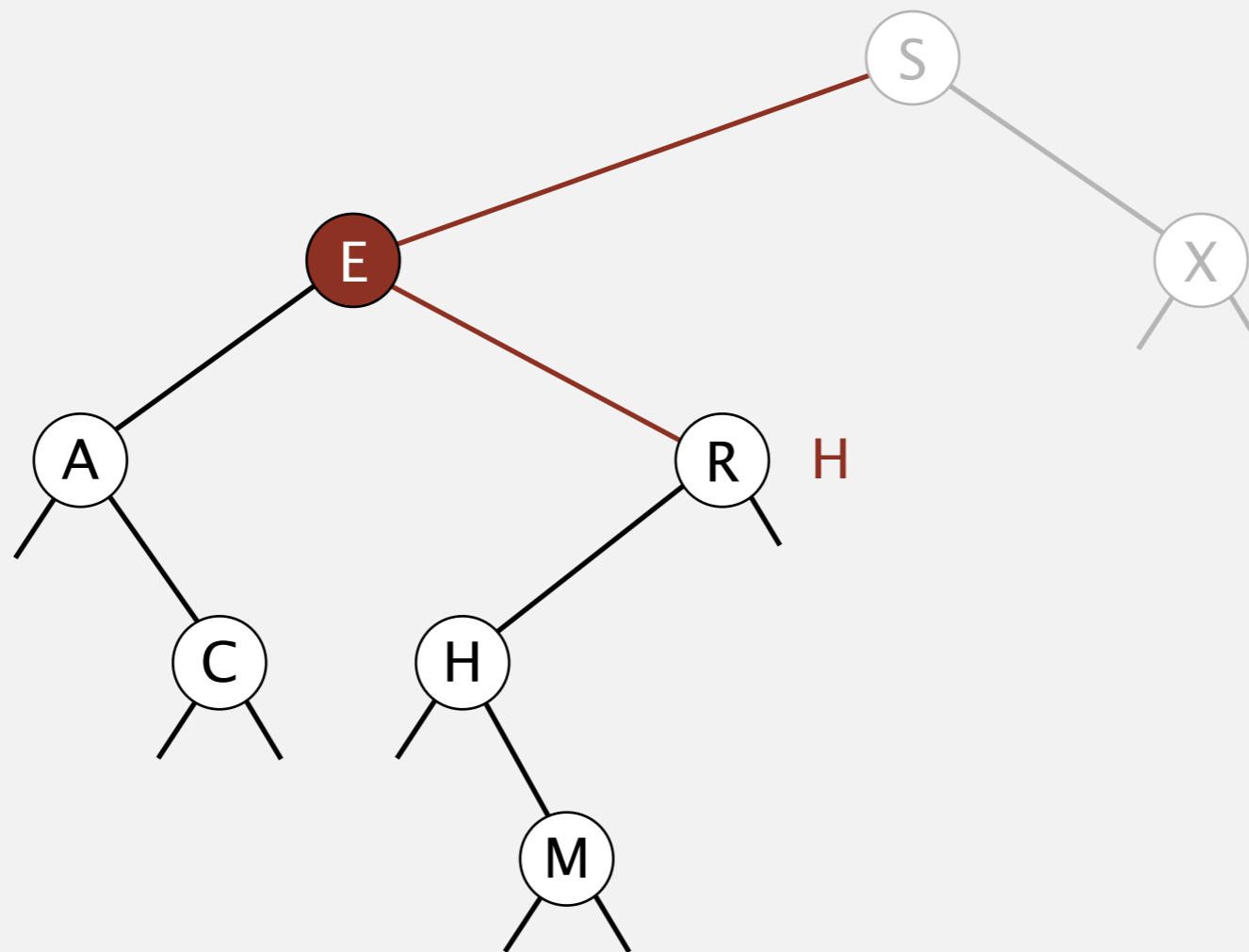
successful search for H



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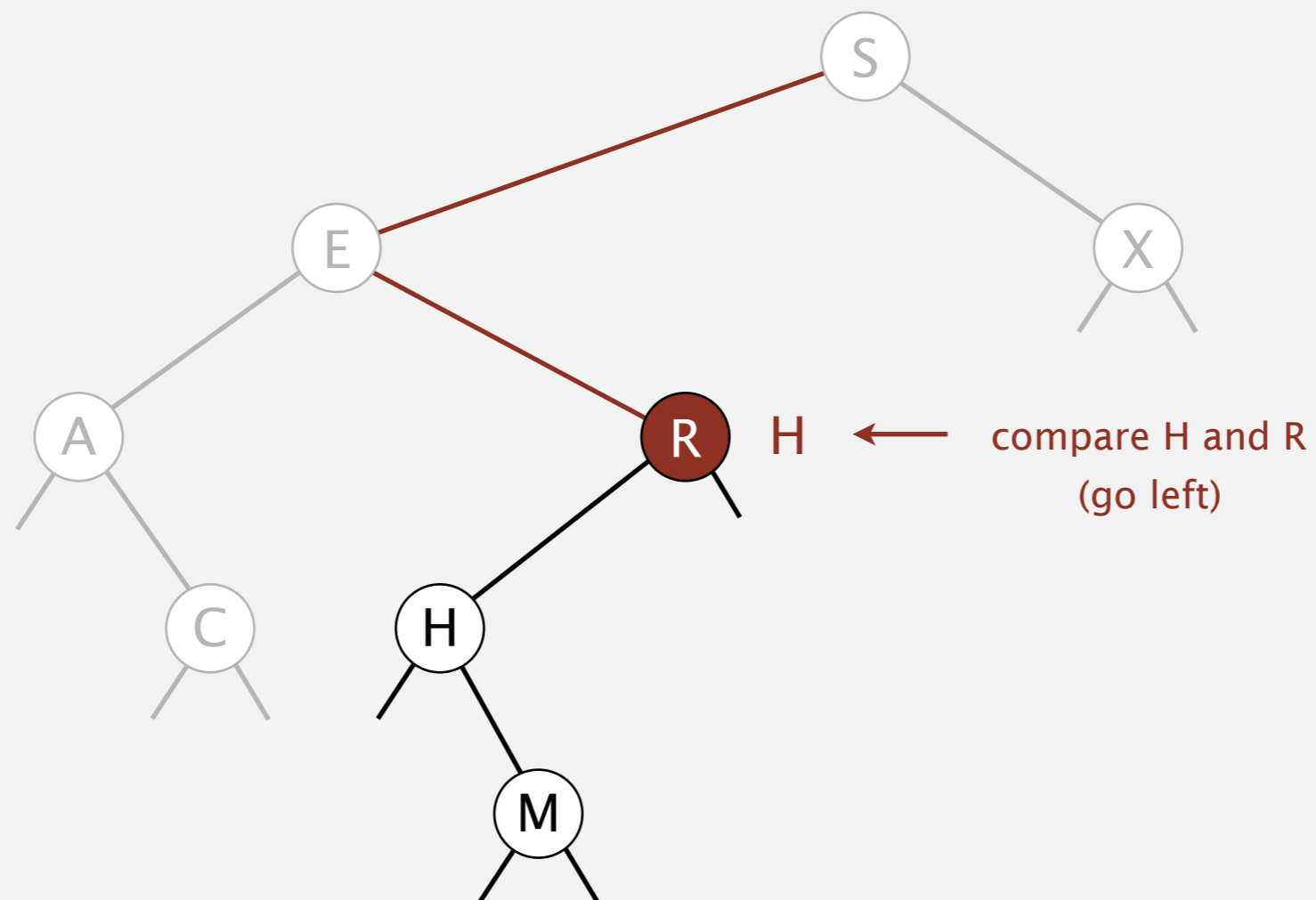
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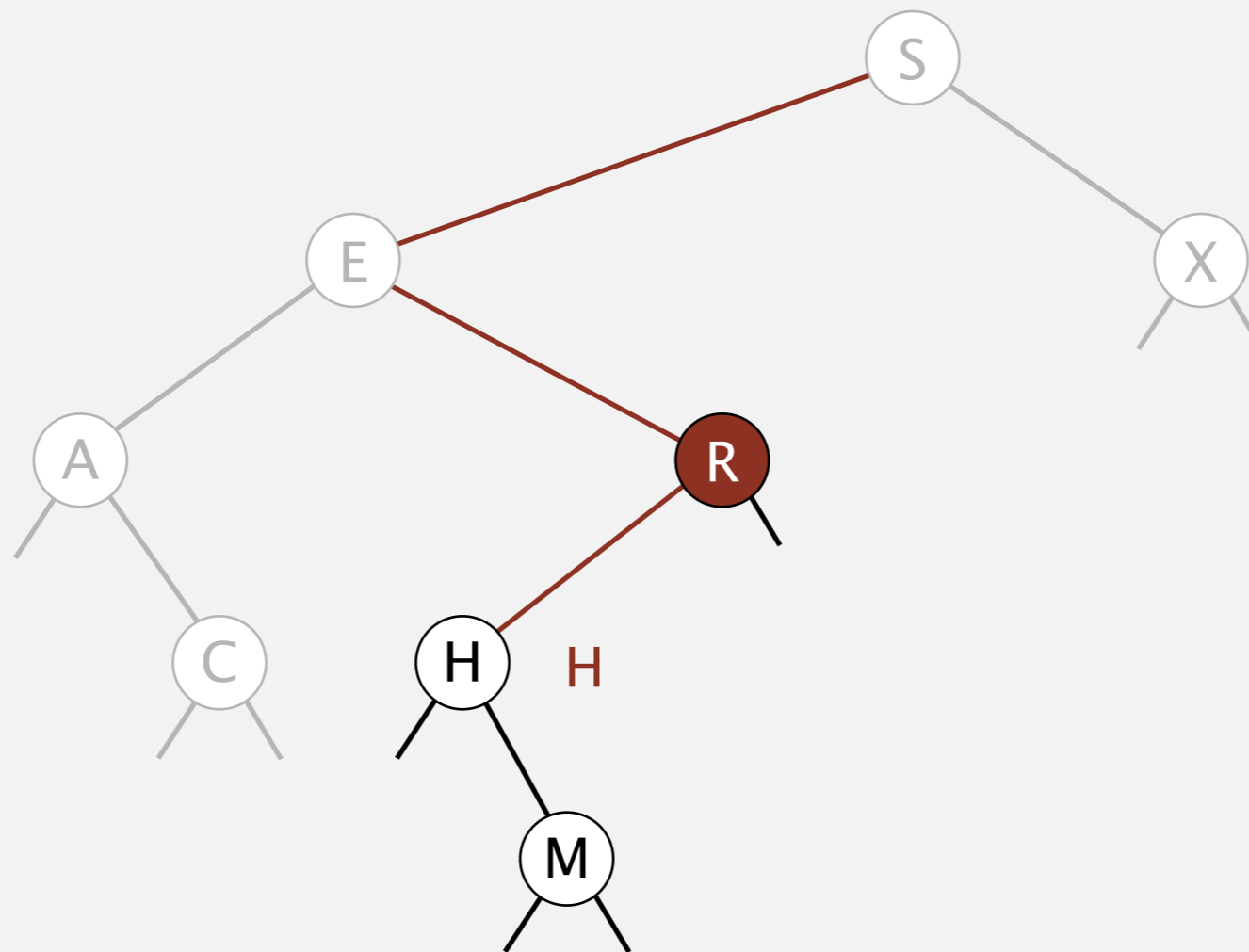
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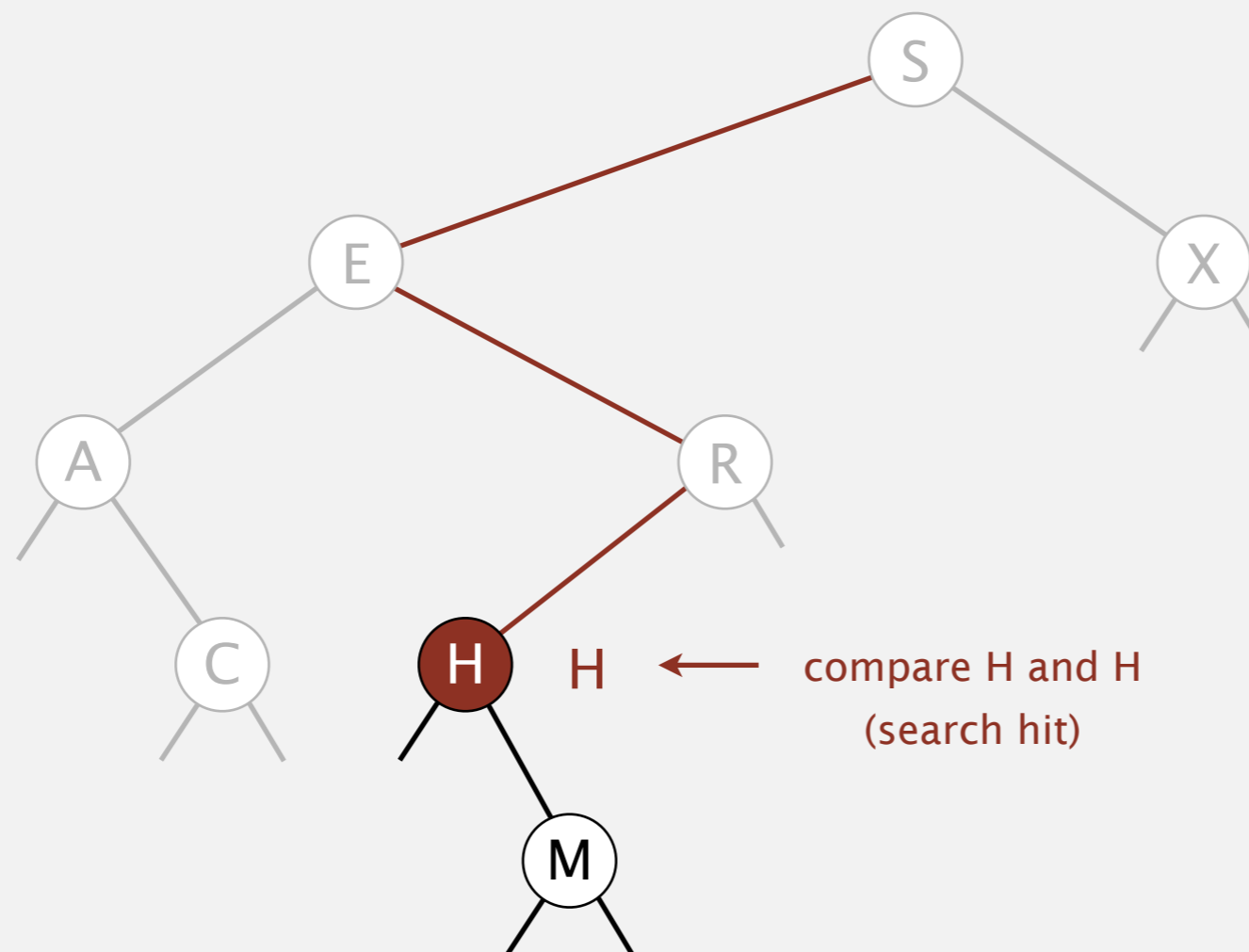
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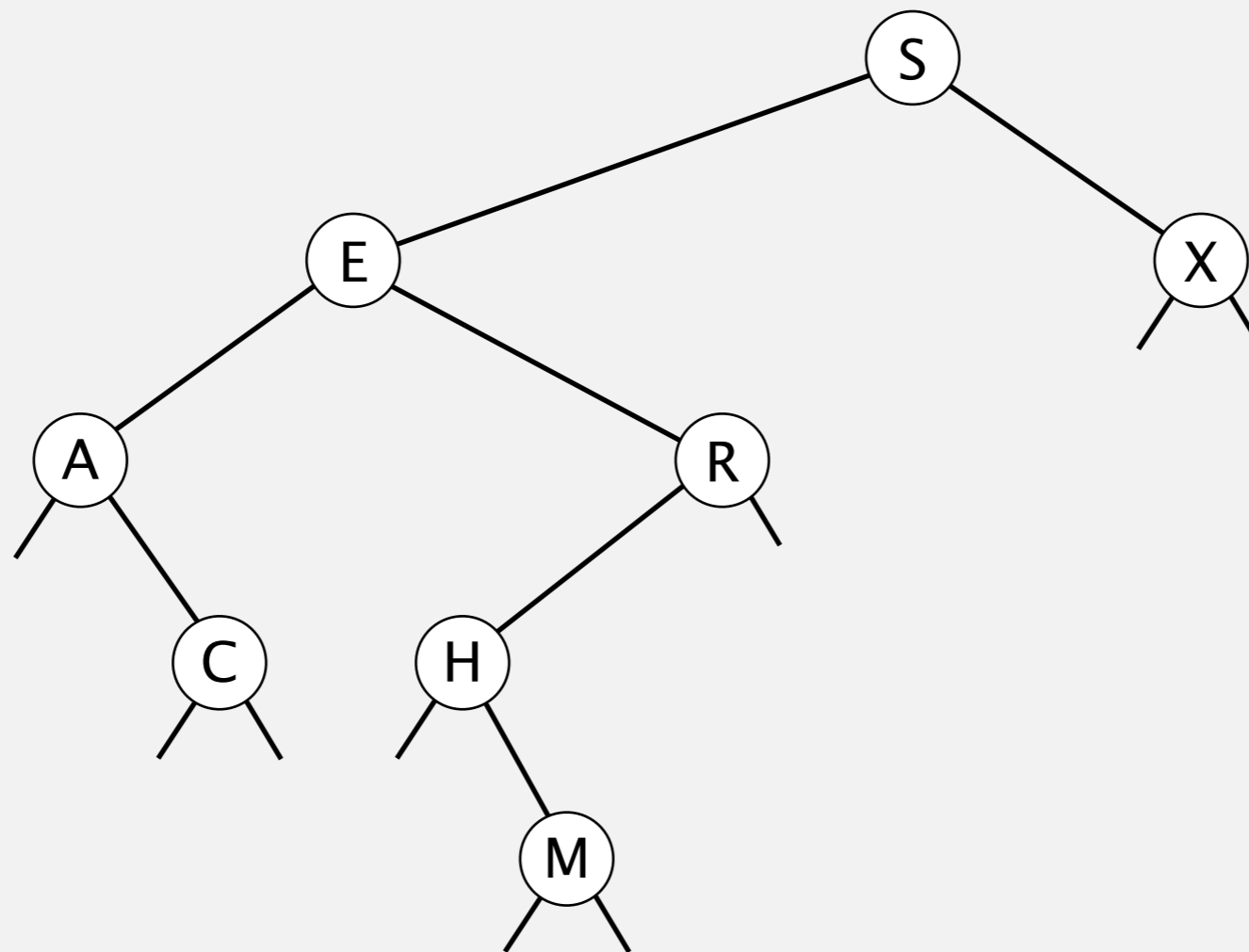
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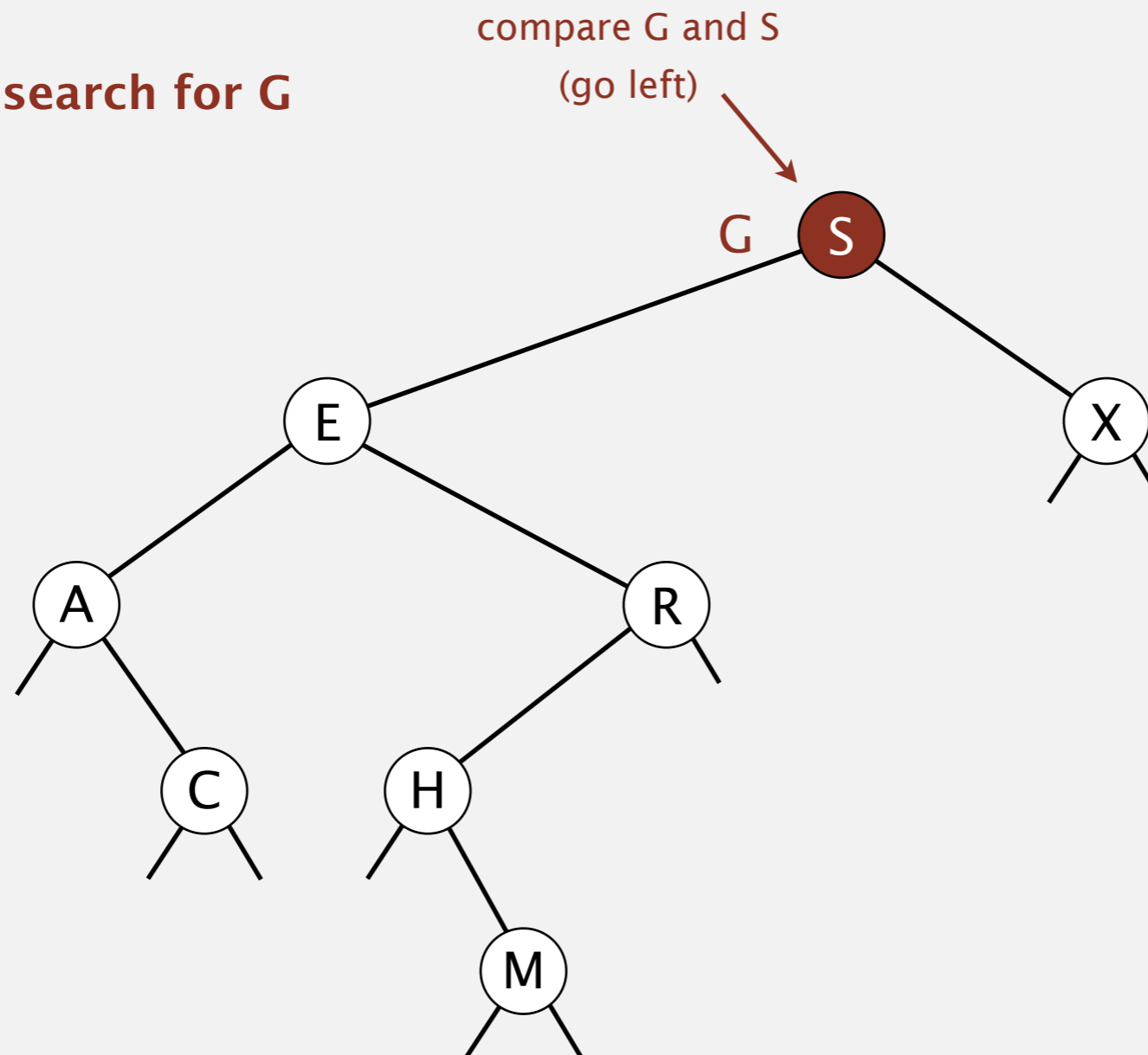
unsuccessful search for G



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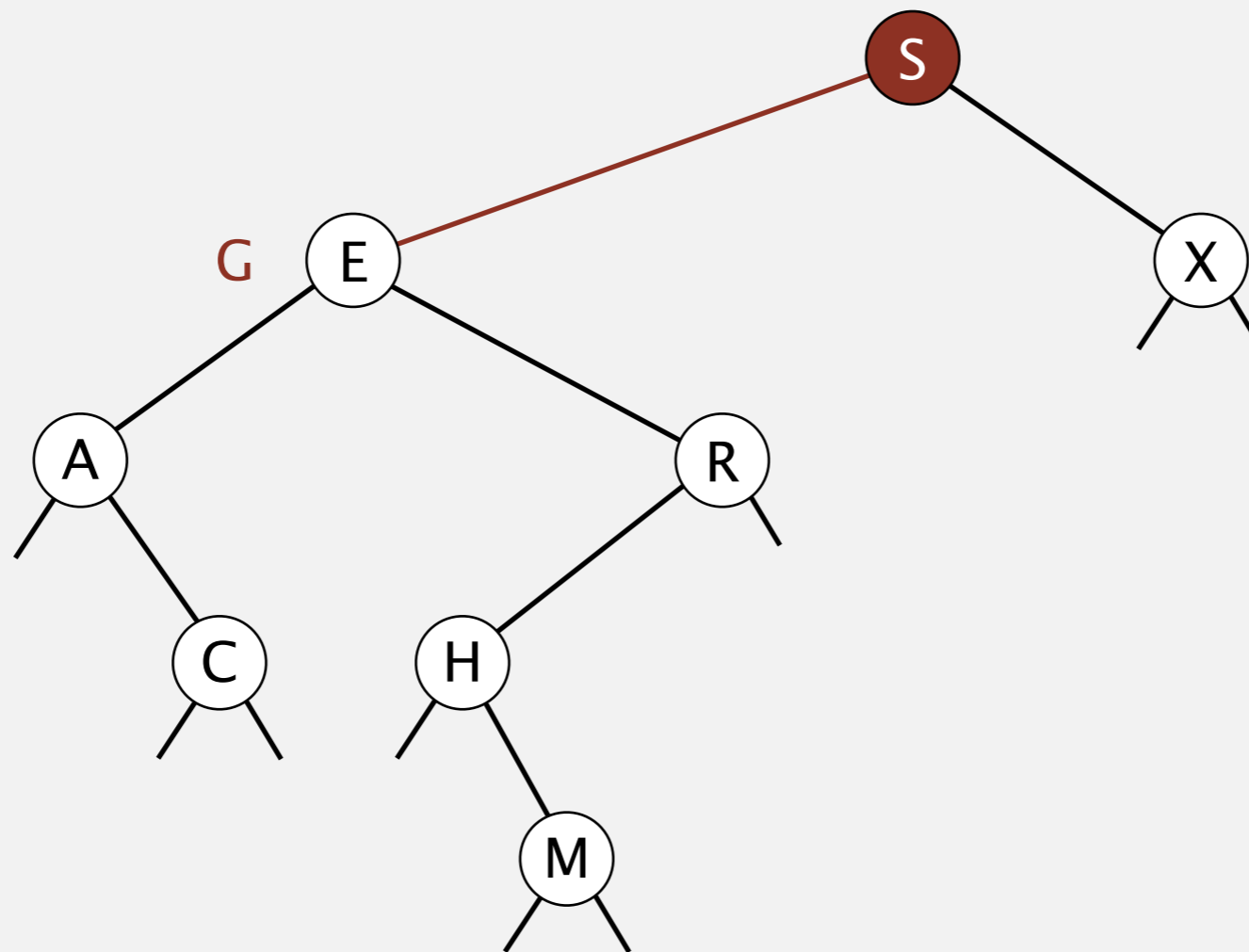
unsuccessful search for G



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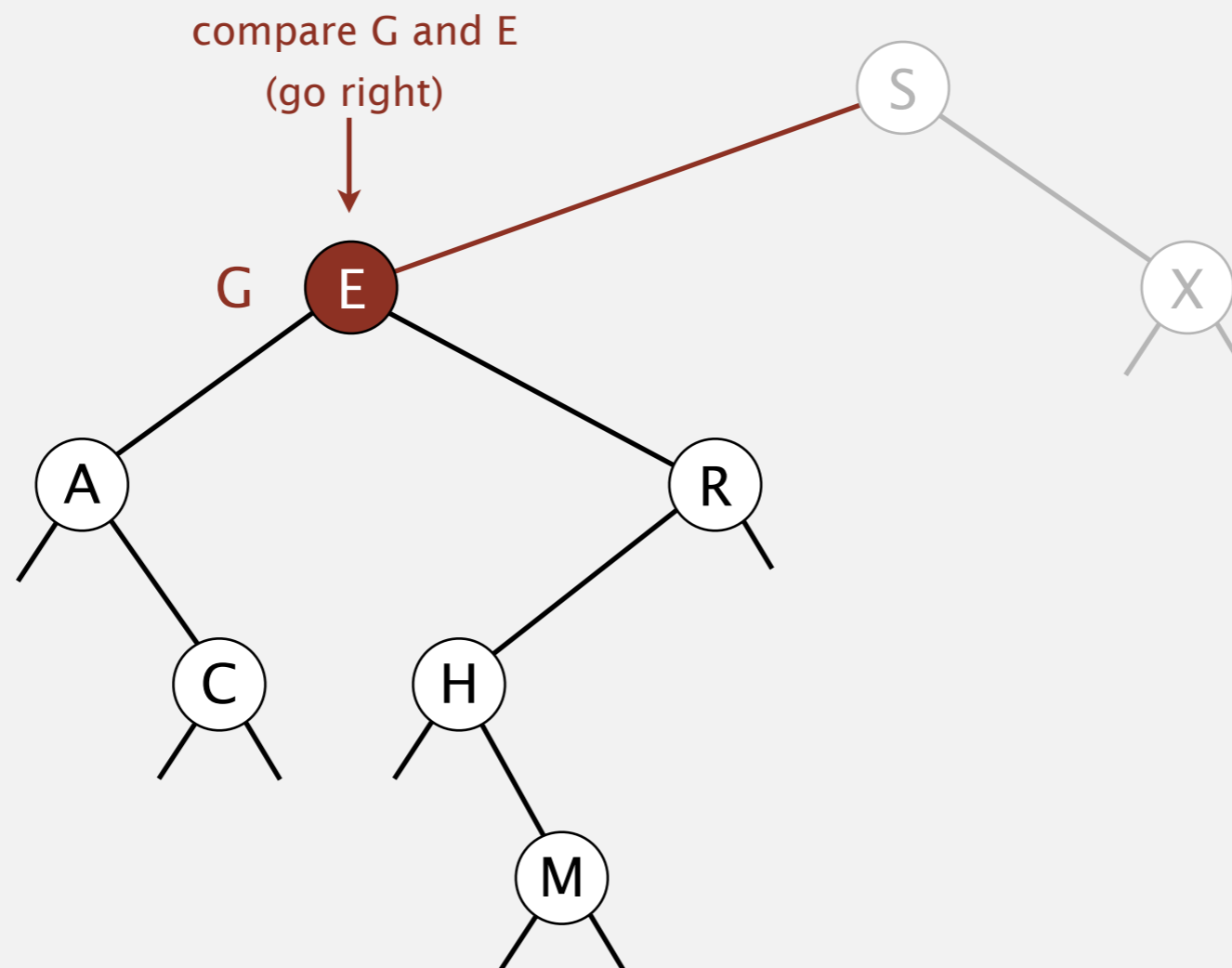
unsuccessful search for G



Binary search tree operations

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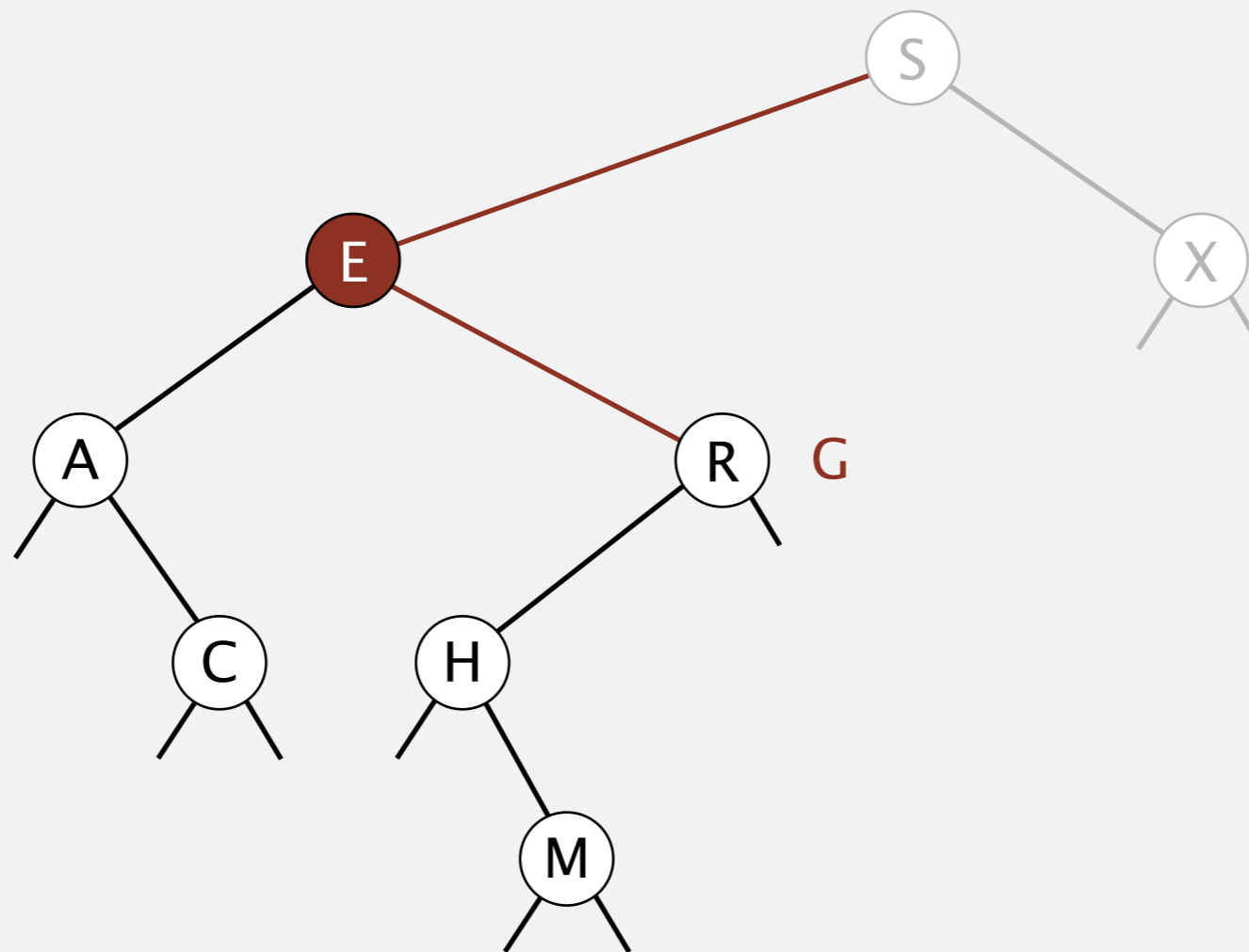
unsuccessful search for G



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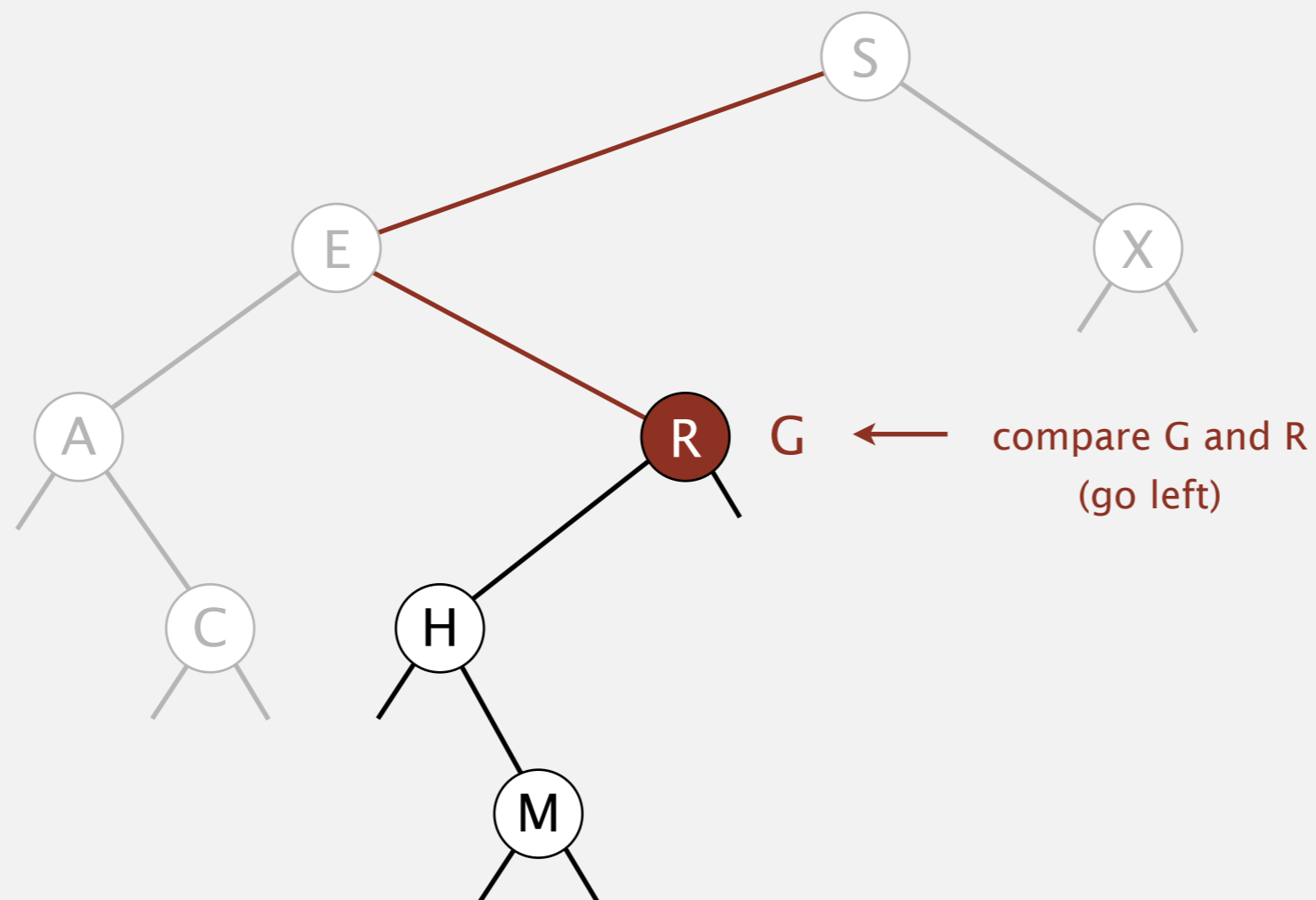
unsuccessful search for G



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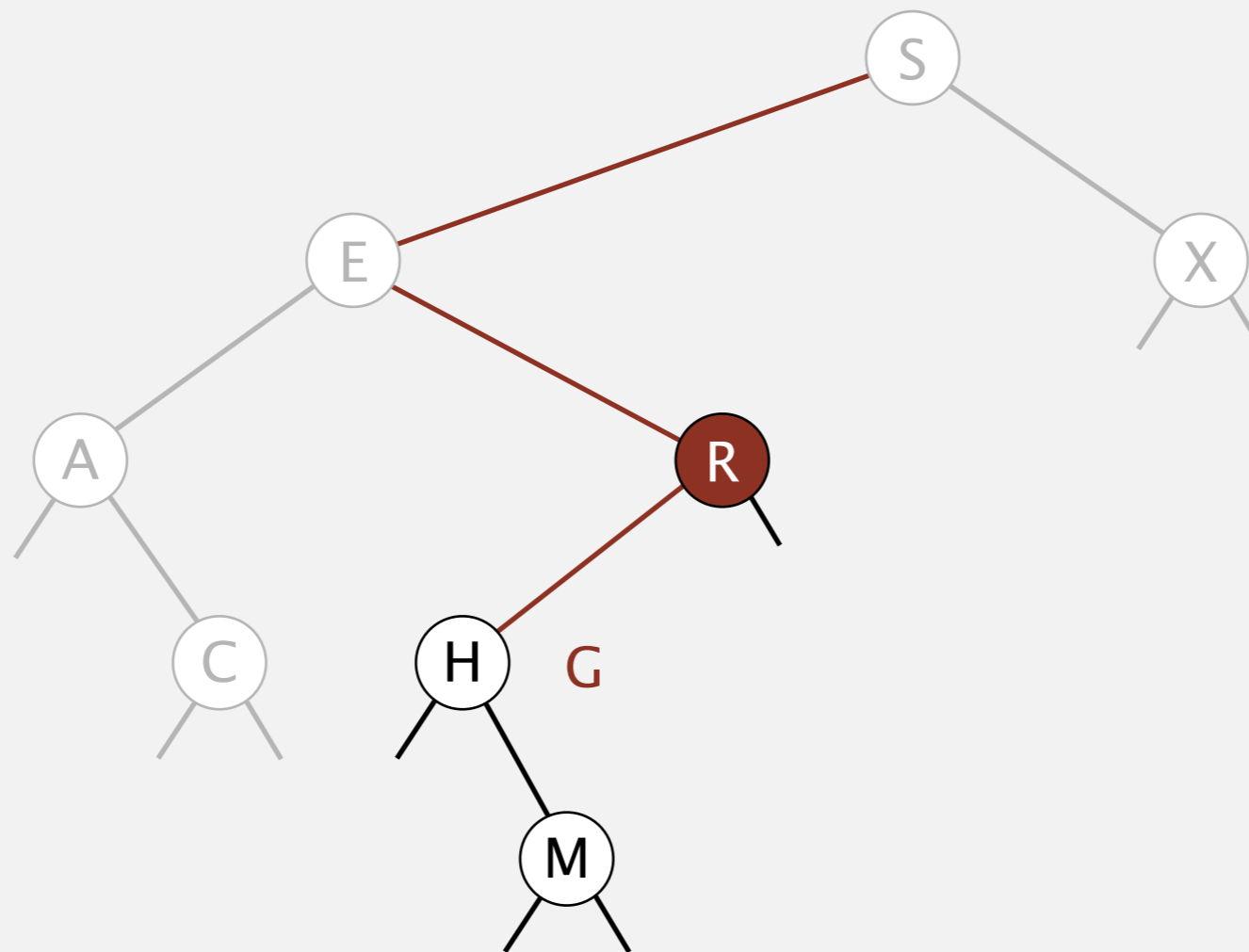
unsuccessful search for G



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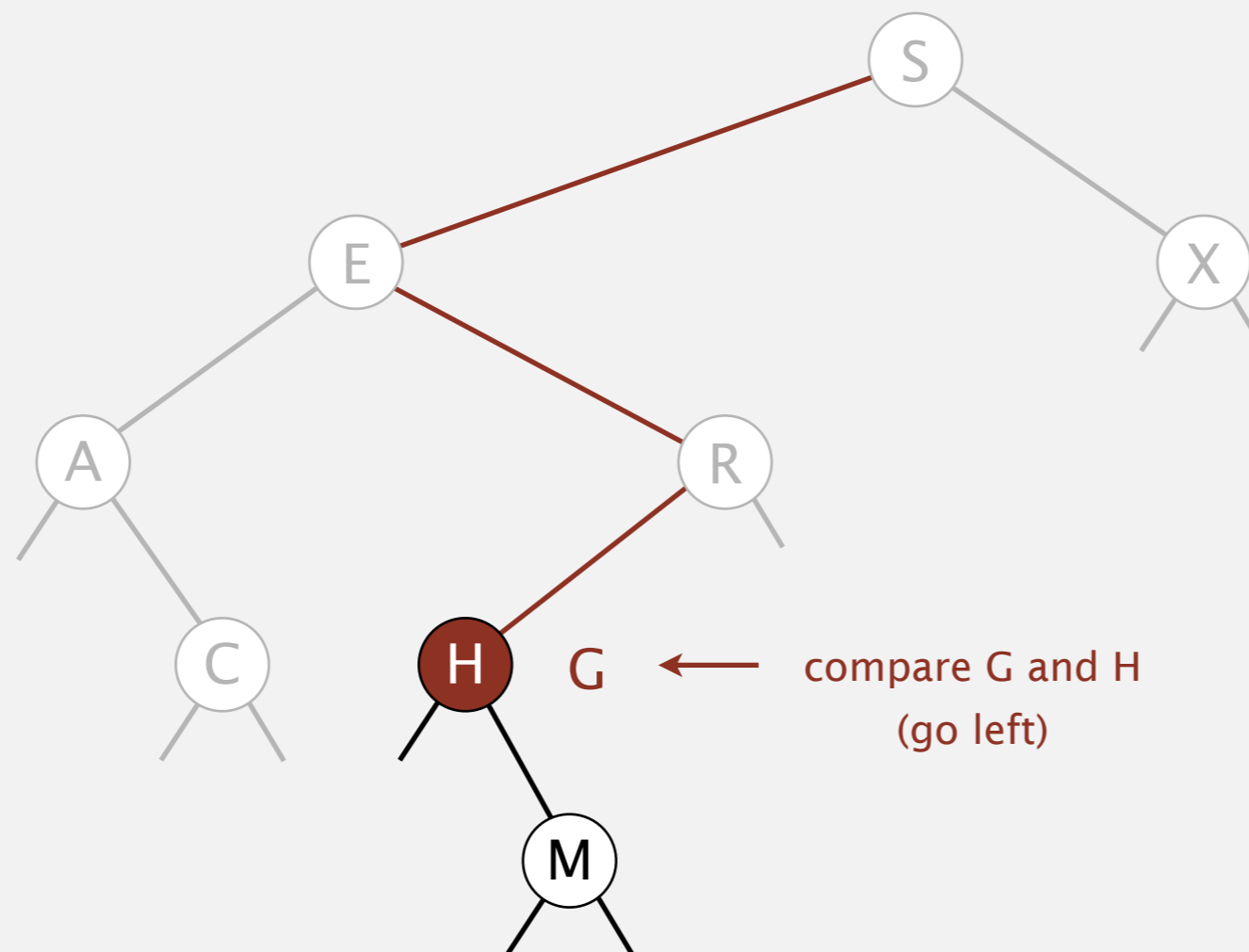
unsuccessful search for G



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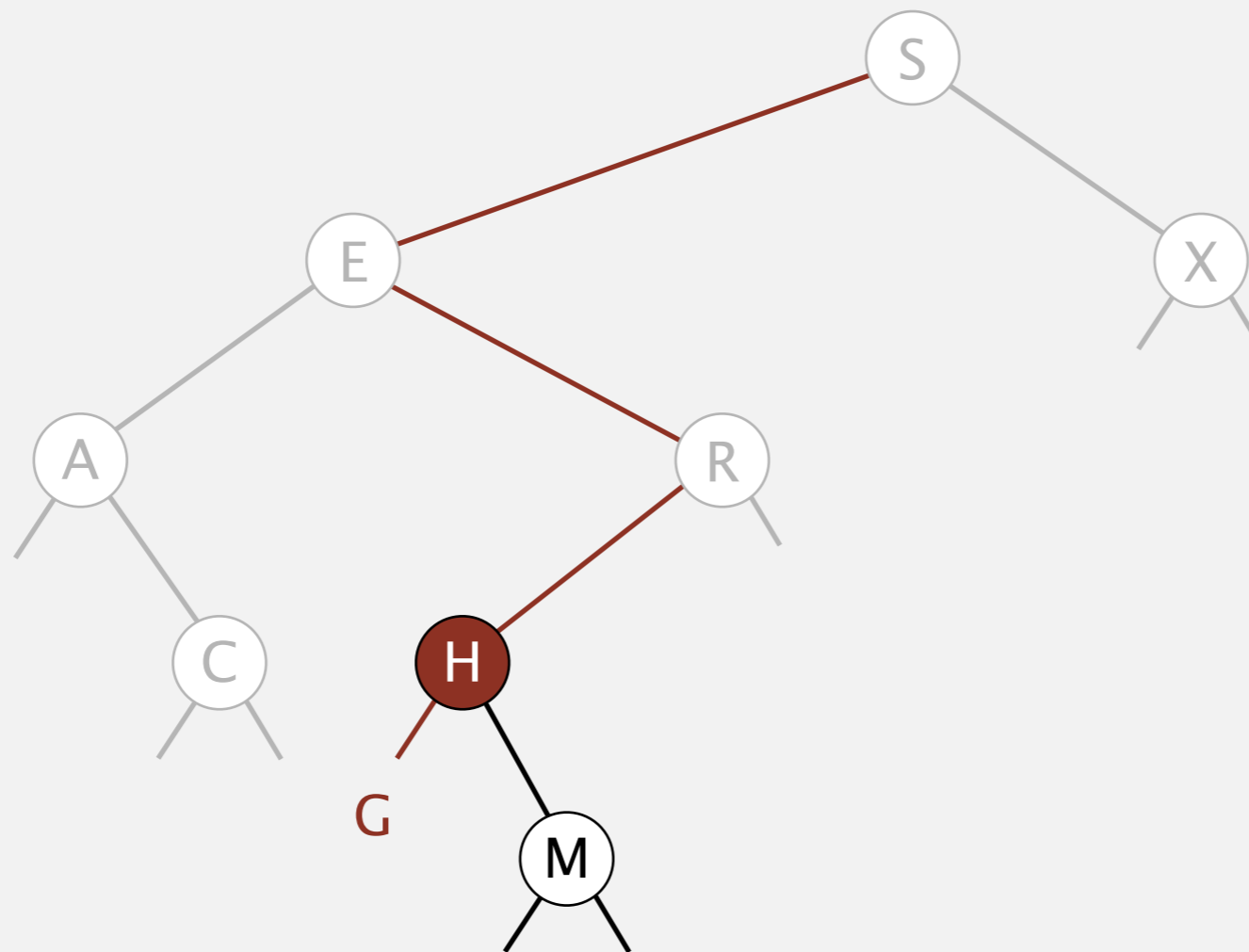
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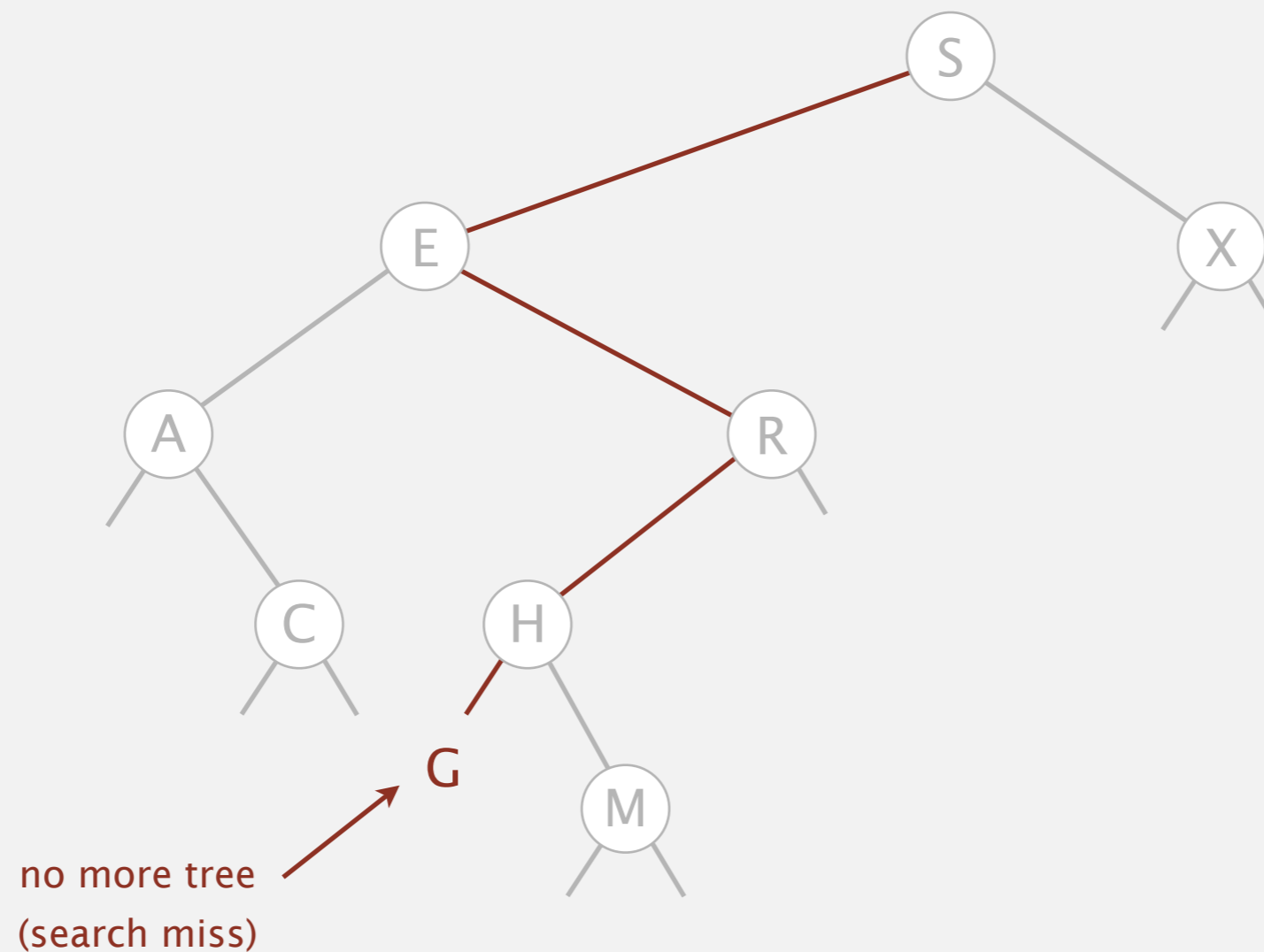
unsuccessful search for G



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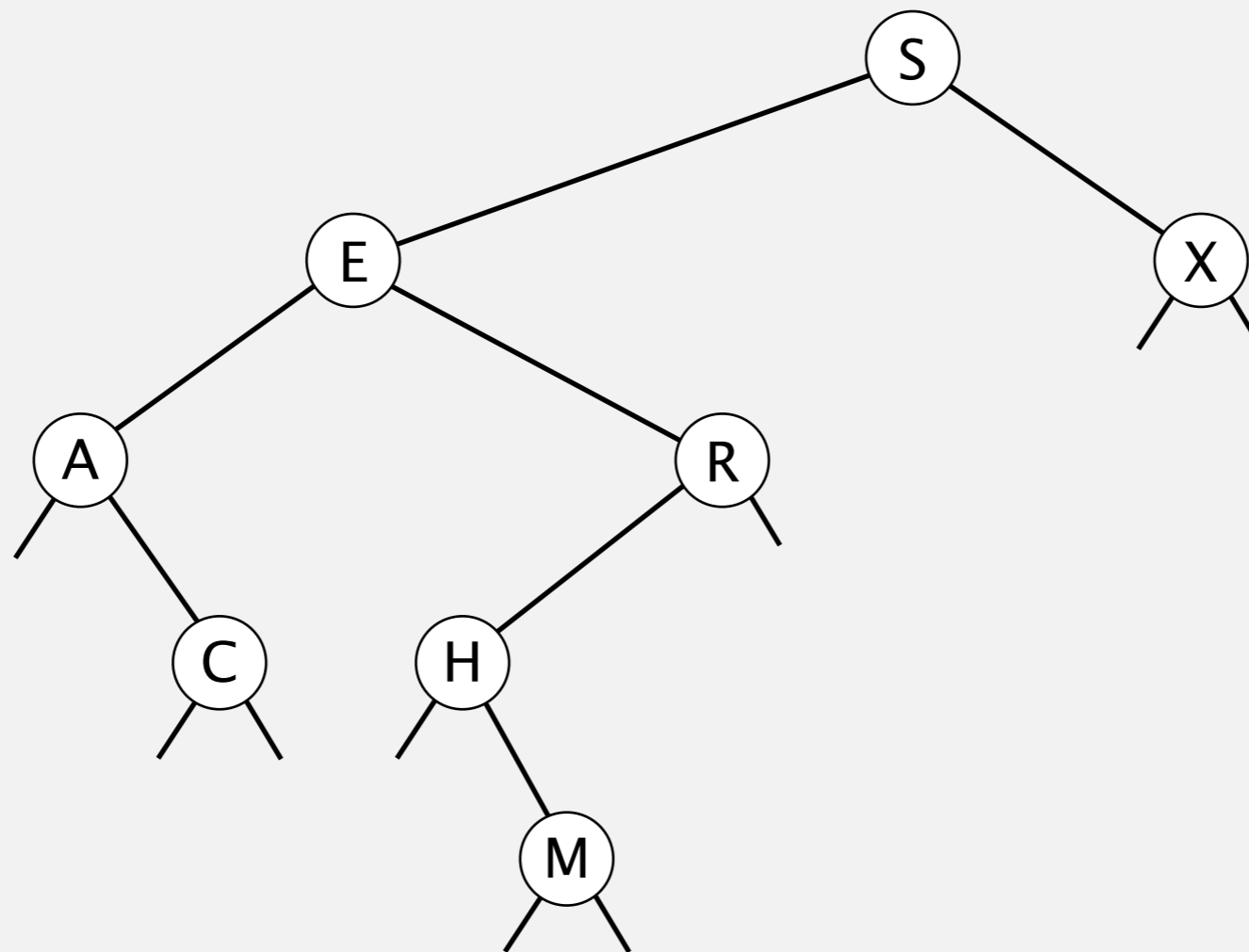
unsuccessful search for G



Binary search tree operations

Insert. If less, go left; if greater, go right; if null, insert.

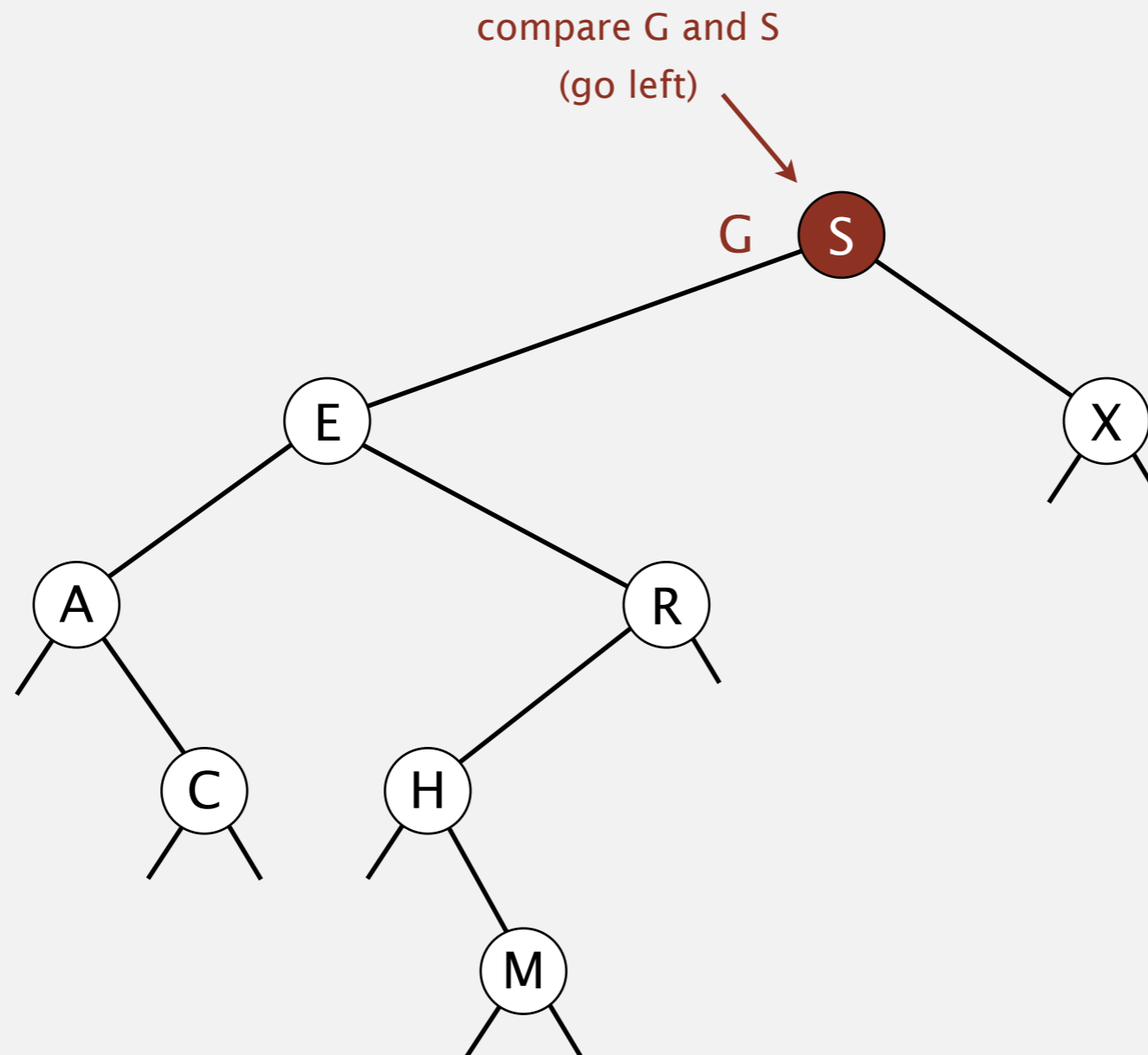
insert G



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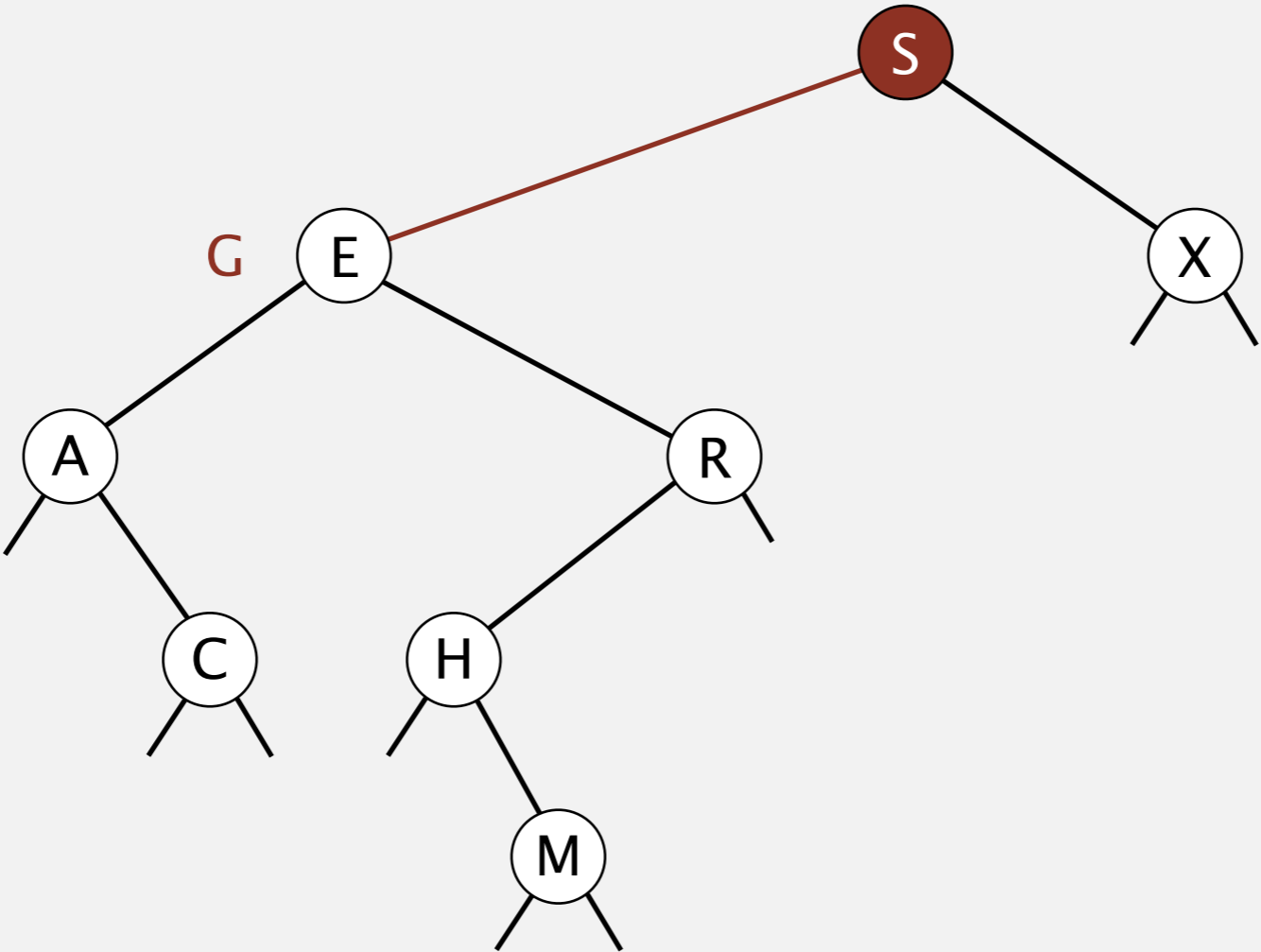
insert G



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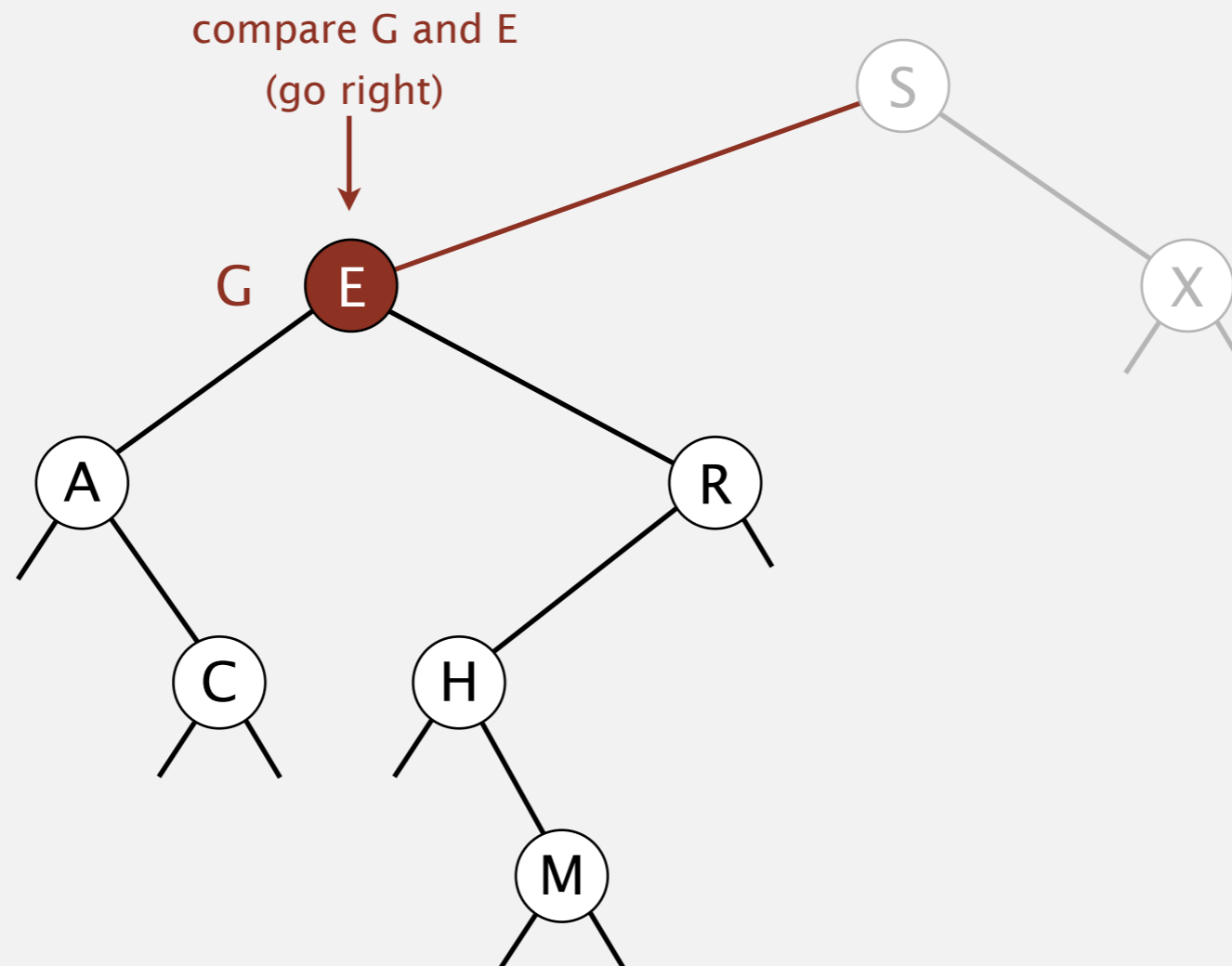
insert G



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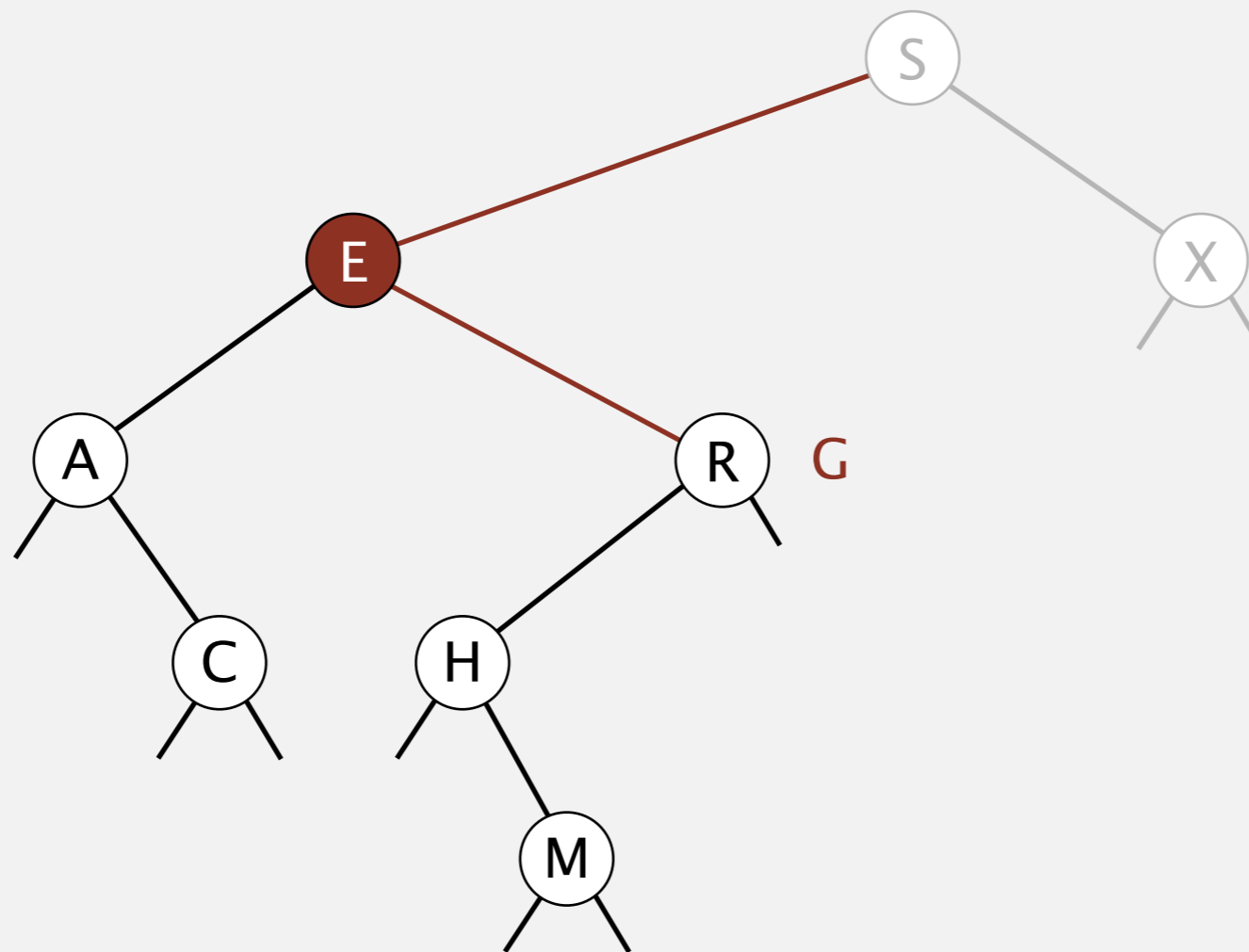
insert G



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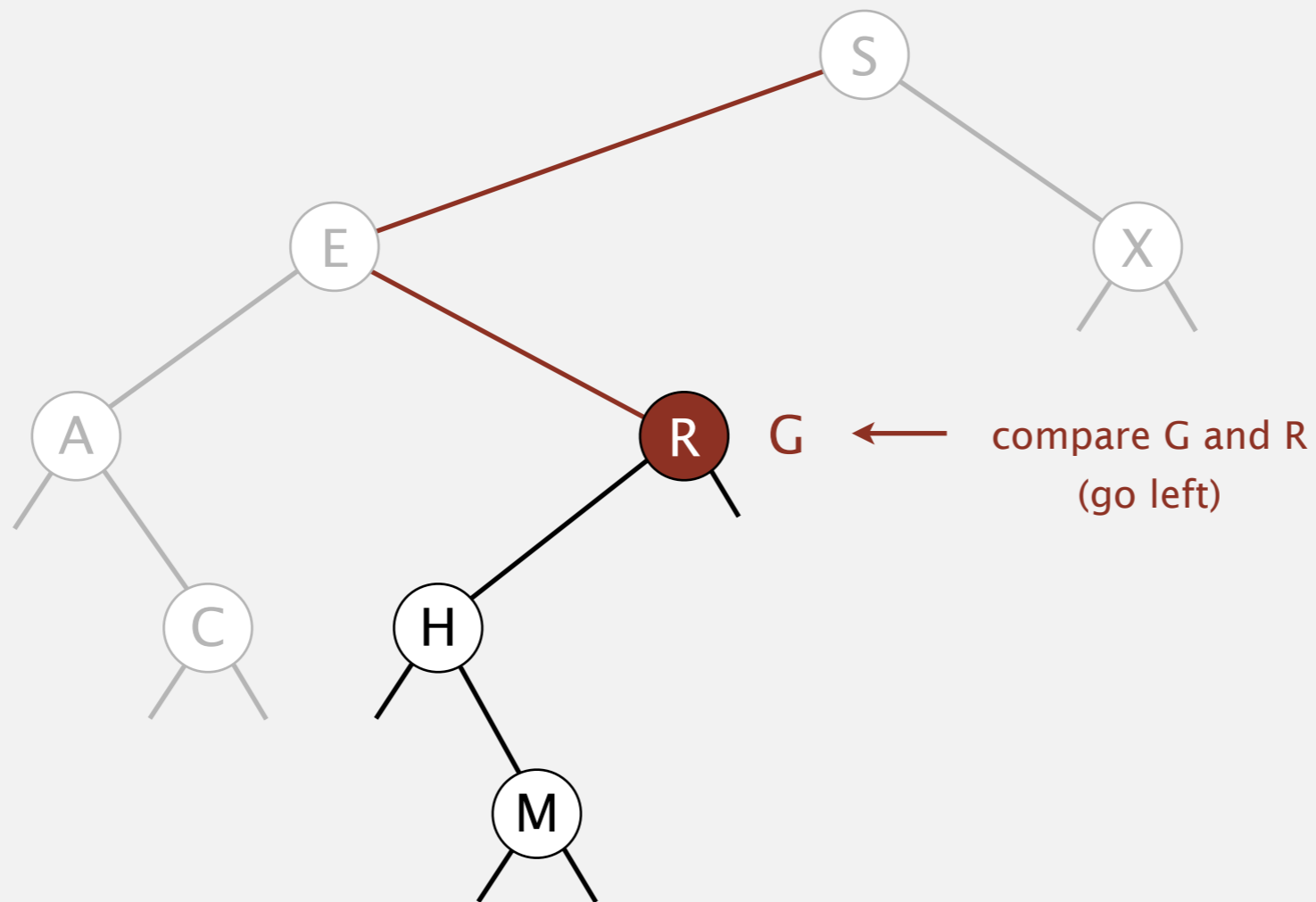
insert G



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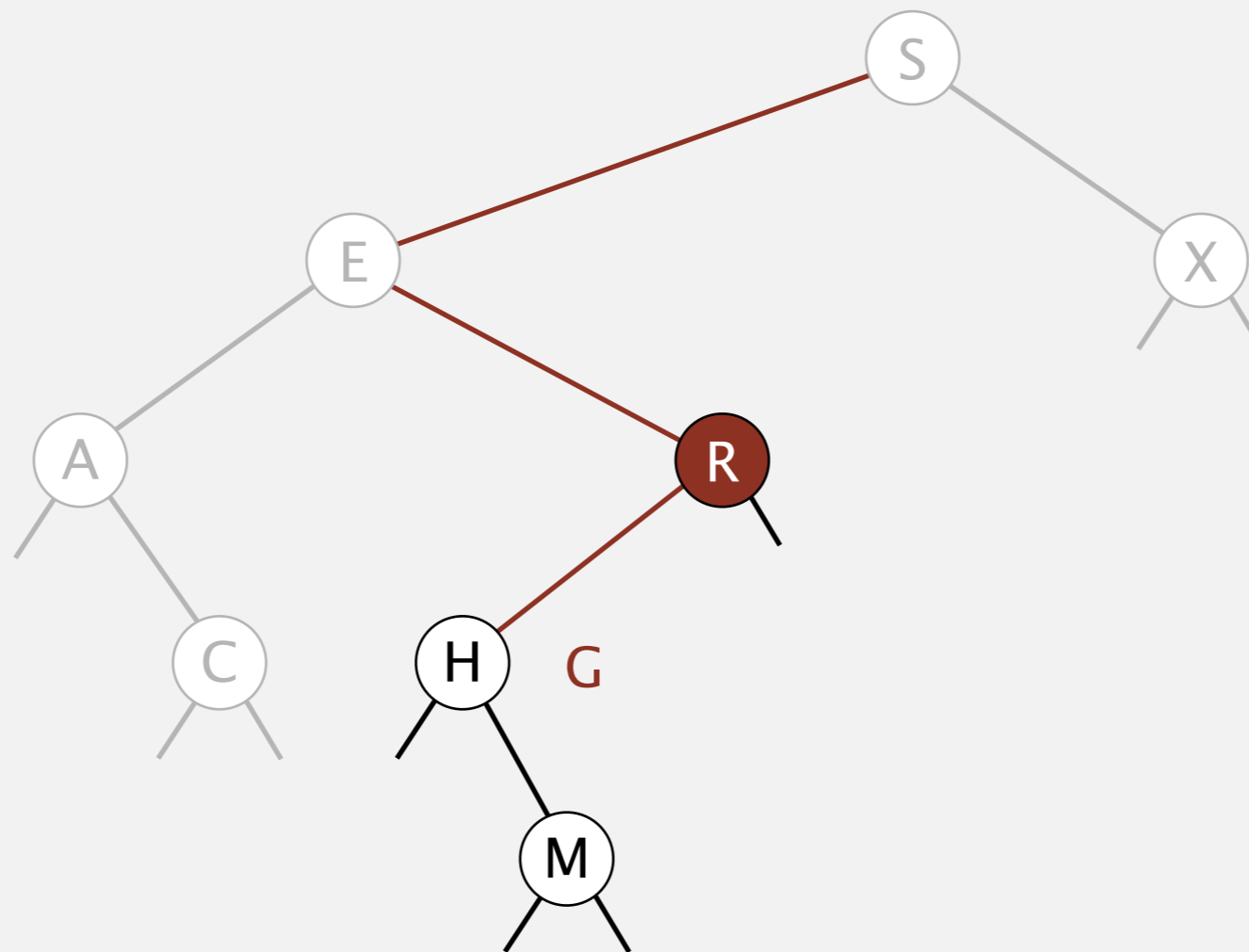
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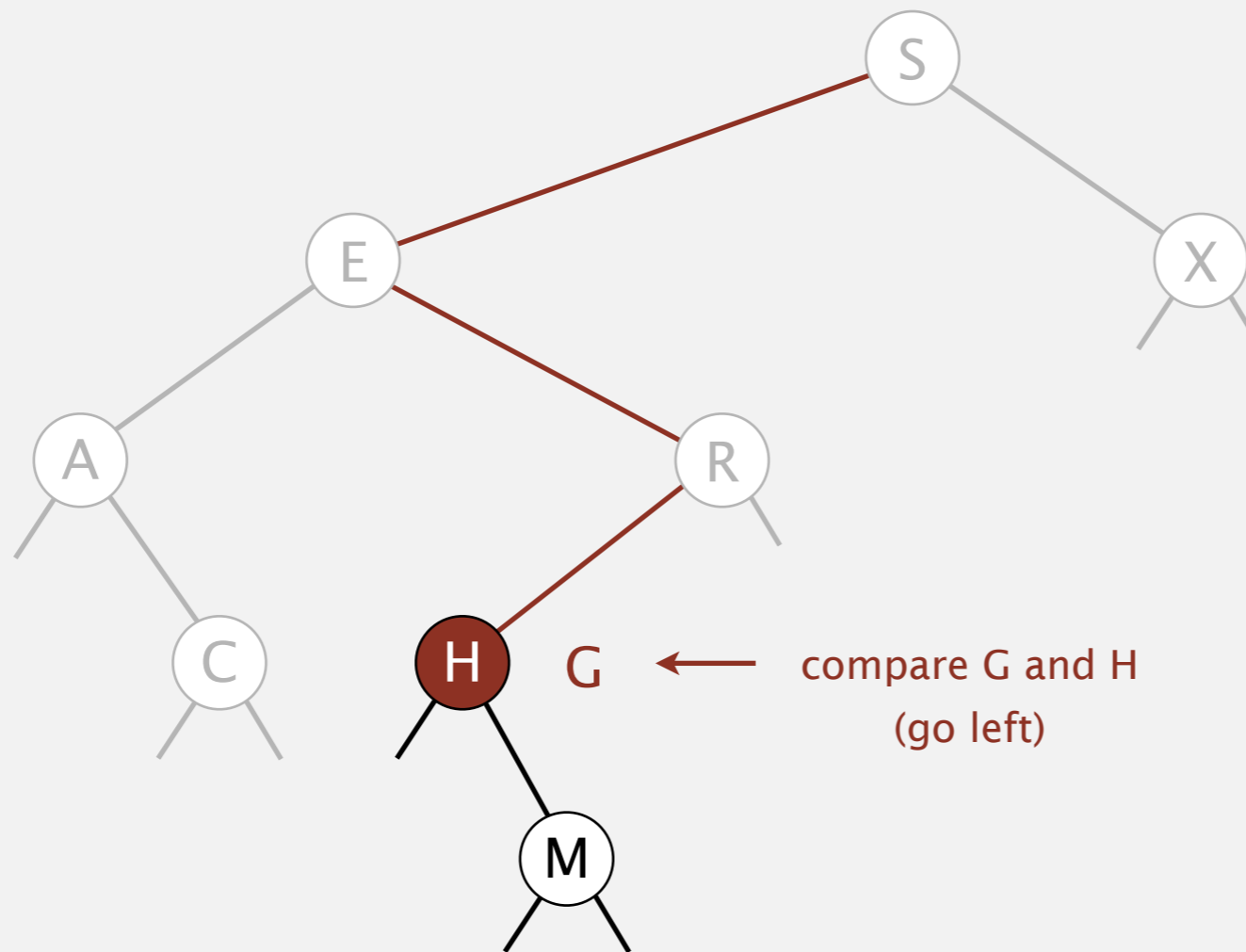
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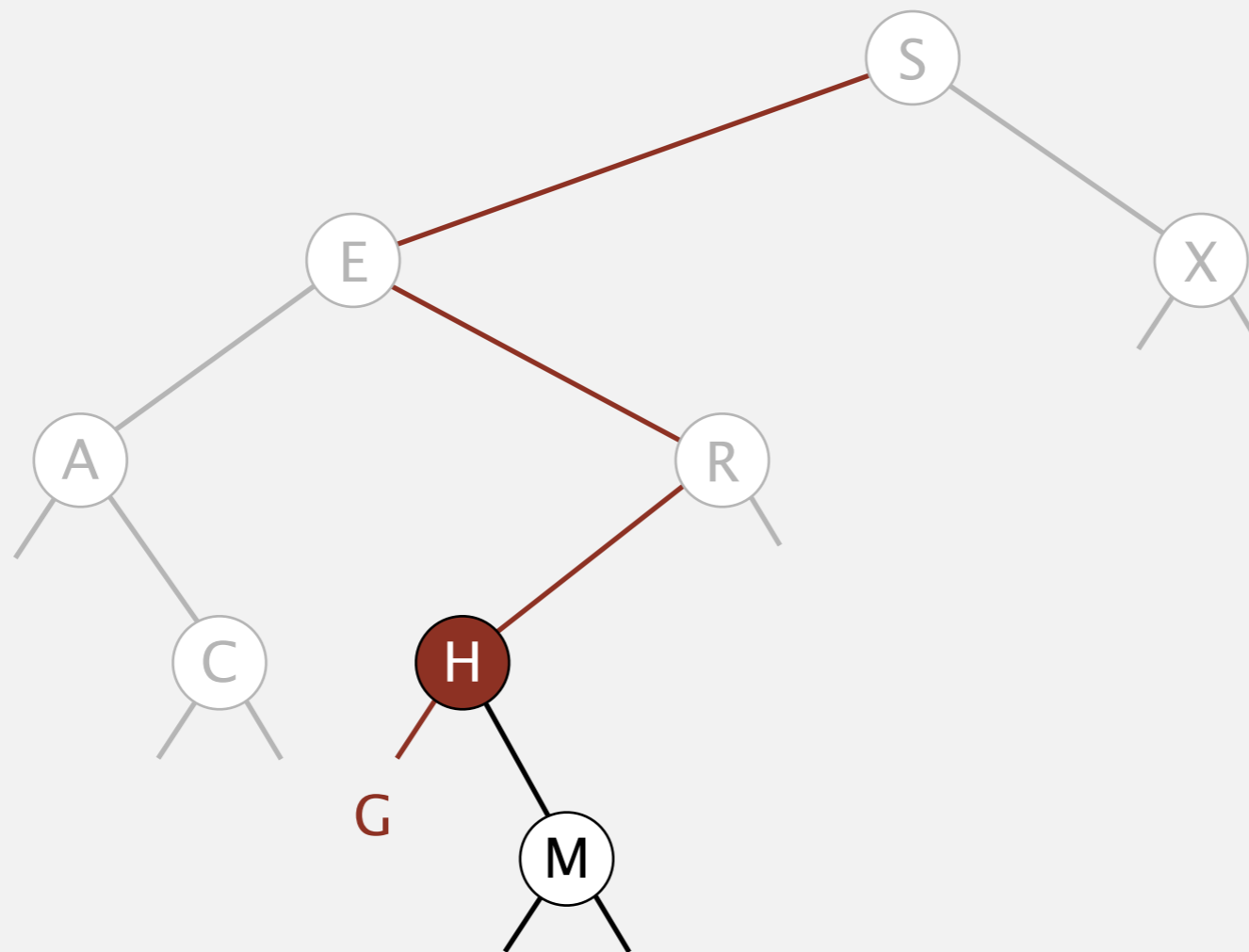
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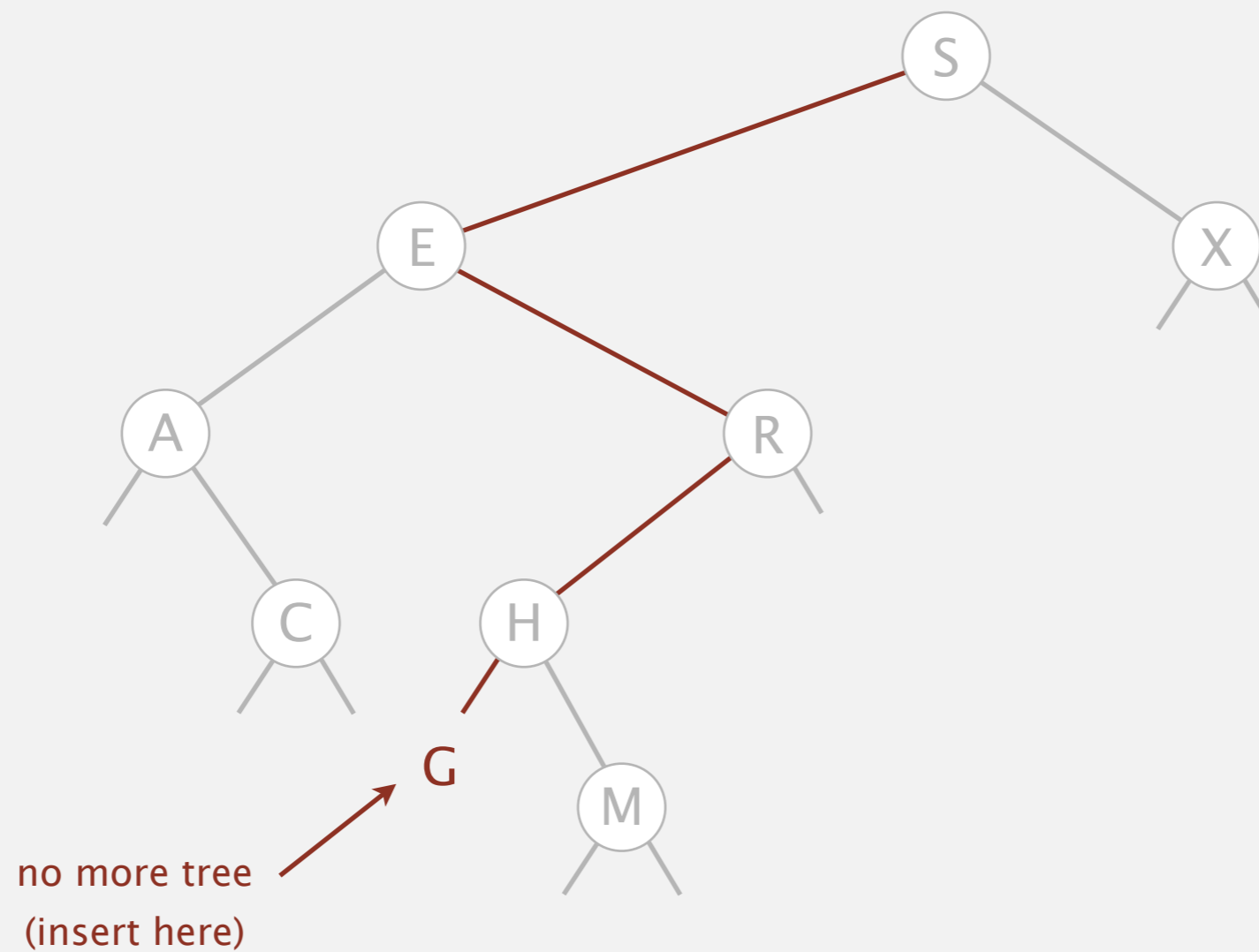
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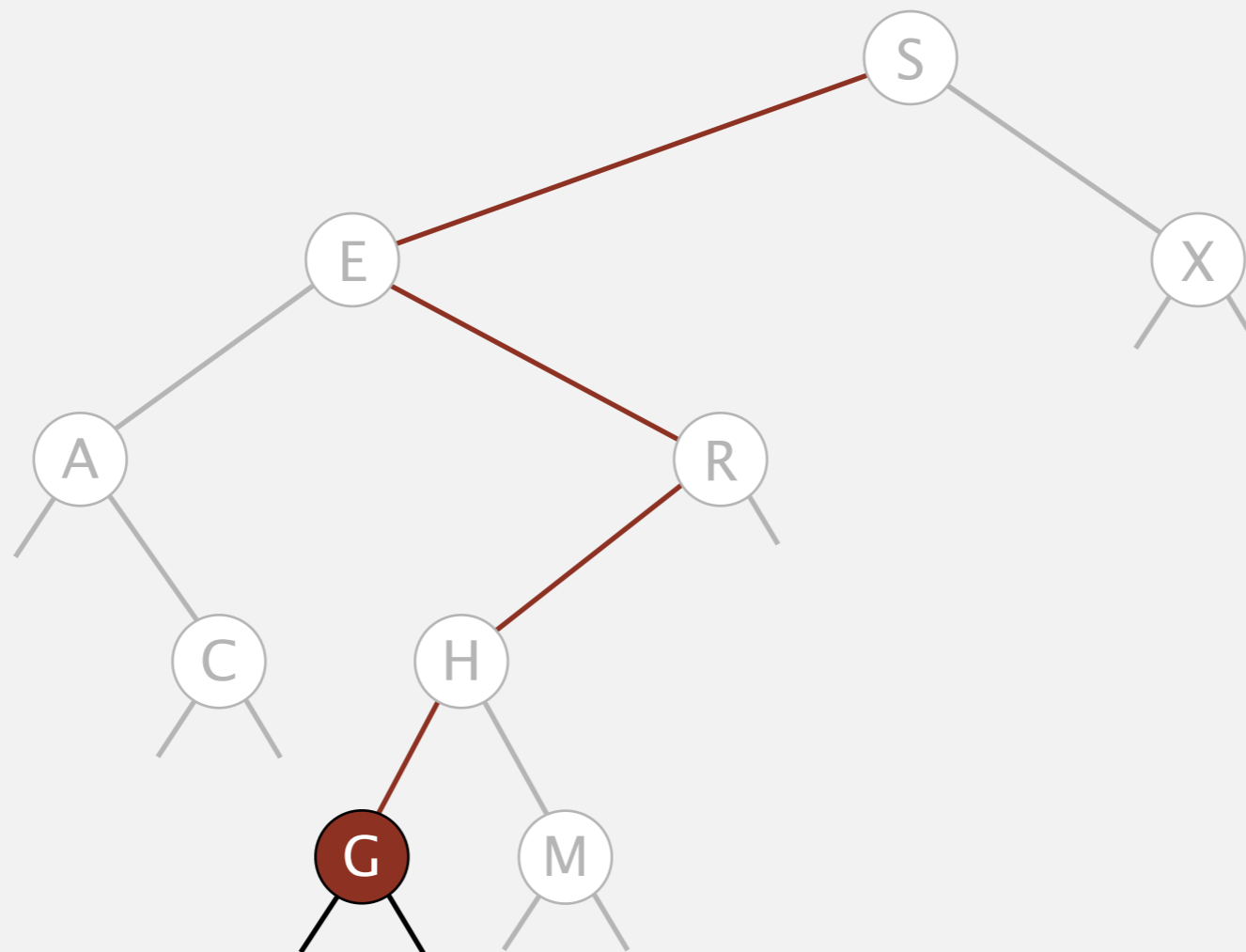
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