

Spanning trees → The definition of MST

Easy ⌚ 1 minute ?

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For a connected weighted graph G having n nodes, a minimum spanning tree is ...

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⌵ Select one option from the list

- ☐

 ... a spanning tree that has the smallest weight among all other spanning trees of G .
- ☐

 ... any subgraph of G consisting of $n - 1$ edges.
- ☐

 ... a spanning tree that has the greatest weight among all other spanning trees of G .
- ☐

 ... a subgraph of G , that is a tree and connects all the nodes of G .

✓ Correct.

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