Weighted graph → A representation of a weighted graph

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Easy 1 minute

For a weighted graph having n nodes, an adjacency matrix is ... (select the correct definition):

Report a typo

Select one option from the list

- ... a $n \times n$ matrix A where $A[i, j]$ is equal to 1 if there is an edge between i and j and to 0 otherwise.
- ... a $n \times n$ matrix A where $A[i, j]$ is equal to the weight of an edge between i and j (if exists) and to ∞ or 0 otherwise.
- ... a $n \times n$ matrix A where $A[i, j]$ is equal to the weight of an edge between i and j (if exists) and 0 otherwise.
- ... a $n \times n$ matrix A where $A[i, j]$ is equal to 0 if there is an edge between i and j and to 1 otherwise.

✓ Correct.

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