



NPTEL
NPTEL ONLINE COURSE
Discrete Mathematics
Relations
Cartesian Product
With
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Discrete Mathematics
Relations

Reflexive relation - Matrix representation

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What would be the corresponding matrix representation?

What would be the corresponding matrix representation?

THINK !

A matrix representation of a relation that is reflexive, will have, all the diagonal entries 1.



Very easy to observe, I leave it to you to think. I'll just tell you the answer.

A matrix representation of a relation that is reflexive will have all the diagonal entries 1, as you can see, the diagonal entries are all 1. Why? It's obvious, because of the definition of reflexive relation.

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