NPTEL
NPTEL ONLINE COURSE
Discrete Mathematics
Relations
Cartesian Product
With
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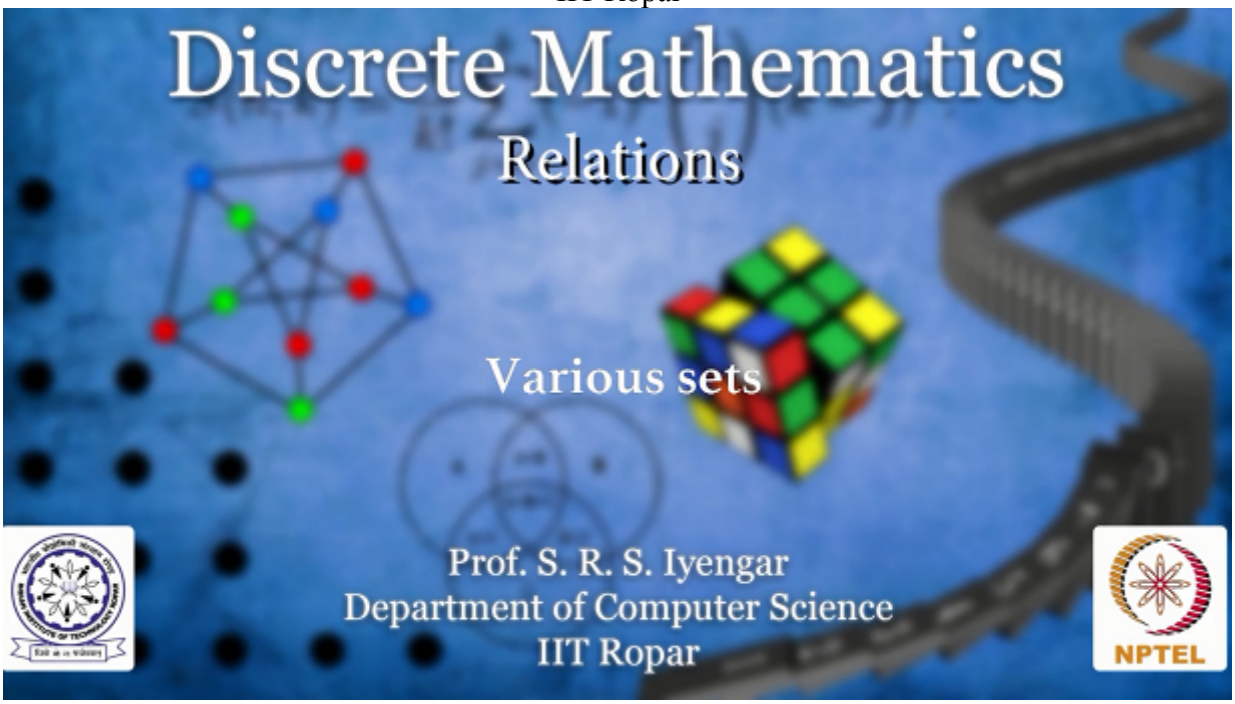
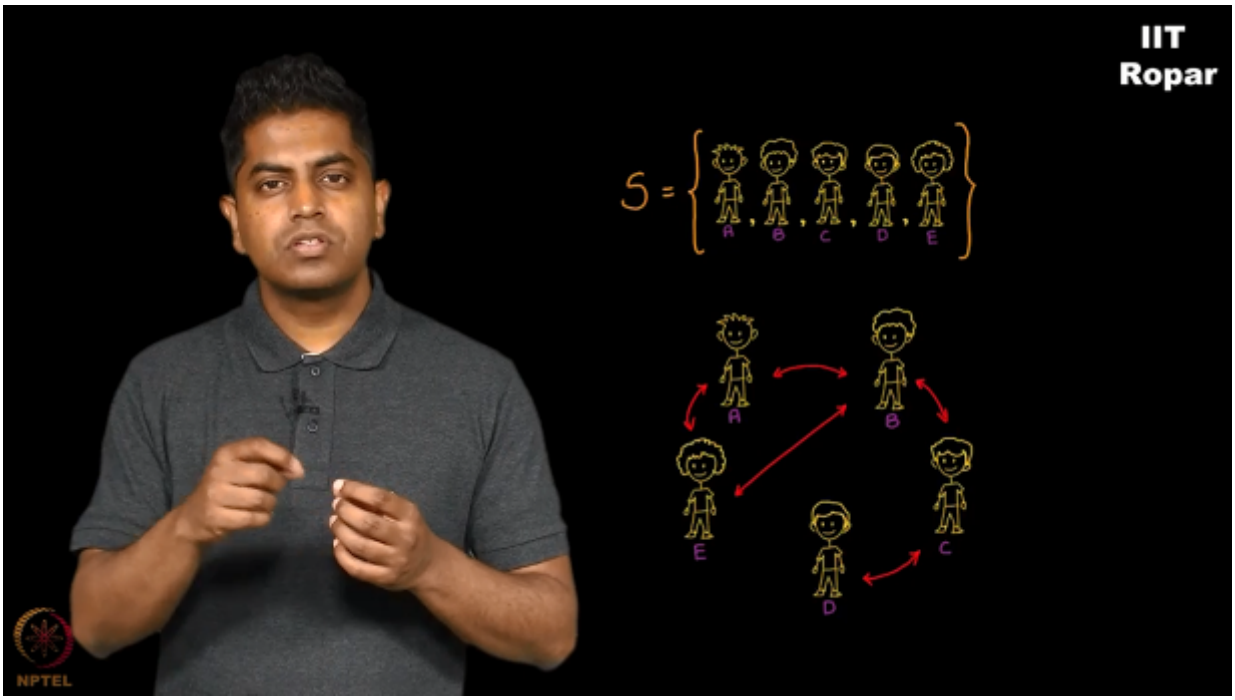
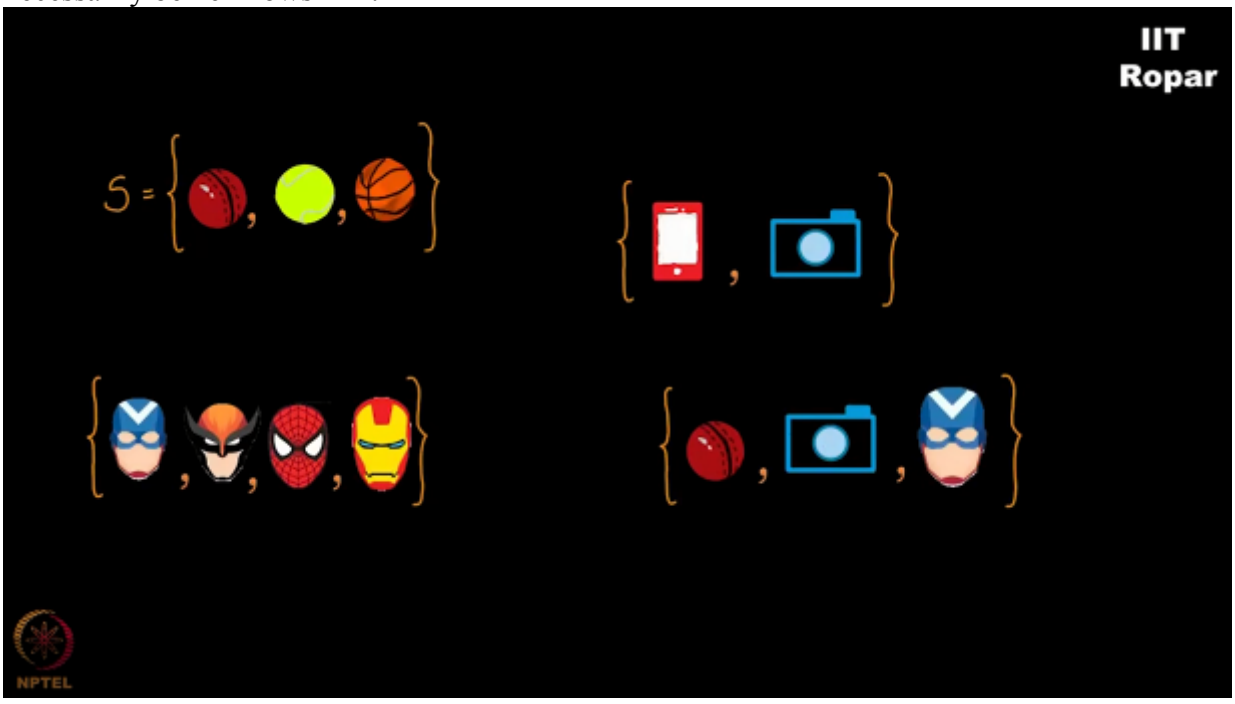


In this example, you saw that I told you that set S comprises of five people and there is some sort of relationship between them; someone knows someone, A knows B and things like that.



Please note this, this set need not necessarily be people always and the relationship need not necessarily be he knows him.



The elements of the set S can be anything, absolutely anything, right. So keep your mind open to see examples where the set S will comprise sometimes of numbers, sometimes of people, sometimes of, let's say, some abstract quantity. So this is just an example that we said A, B, C, D, E are people, okay. It can be any abstract quantity.

We will be giving you more examples, which will make it very clear to you that A, B, C, D, E can actually be anything, and it need not necessarily be five; it can even be many in number. It will be very clear to you once you start seeing these examples at greater depth.

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