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Discrete Mathematics
Relations
Partition - Part 4
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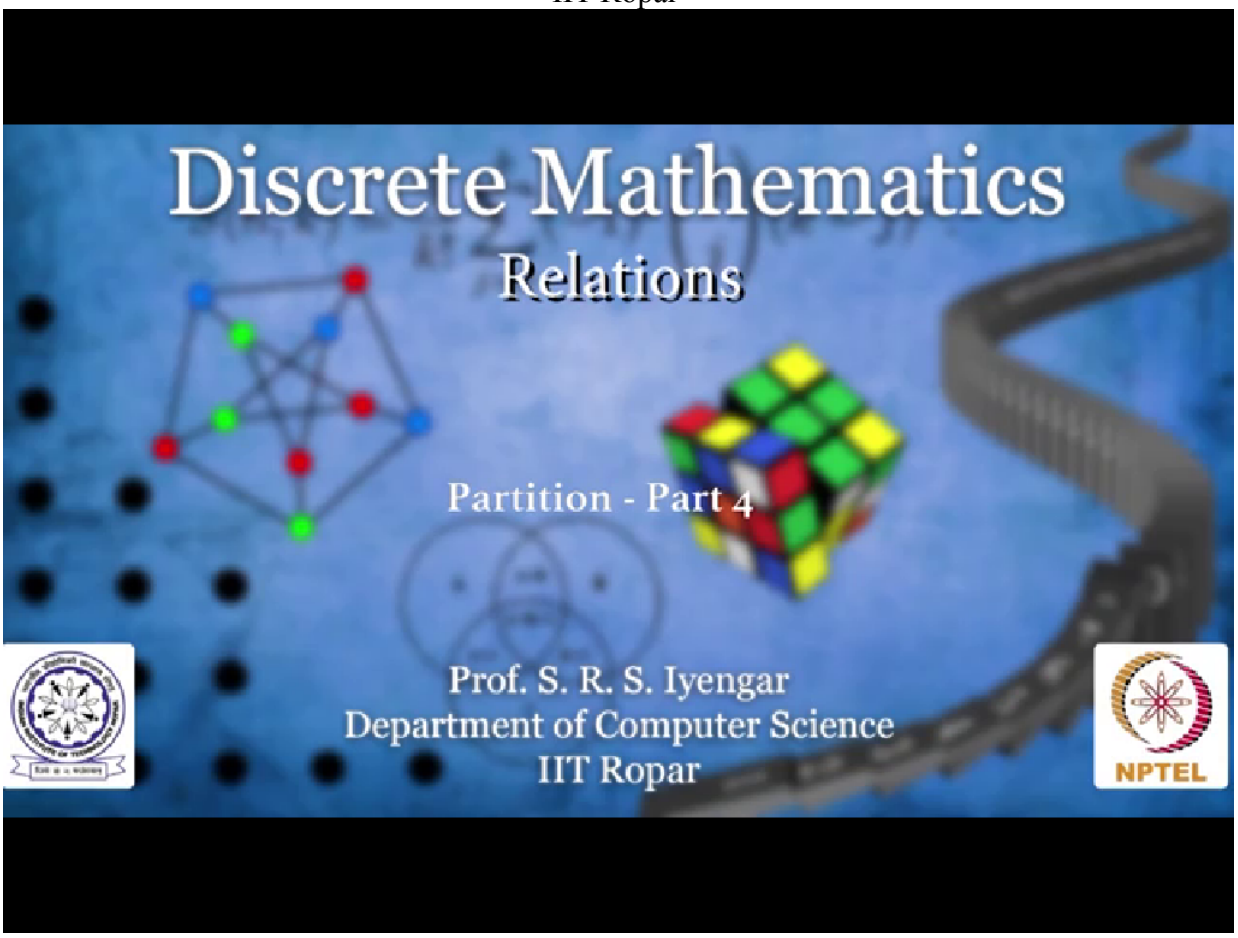

Let us now take a look at an interesting result. Basically, I am going to summaries what we have been discussing so far. So the theorem statement goes like this. Given a set S and a relation R on the set S, if the relation is an equivalence relation, then such a relation partitions the set S into disjoint partitions.
The converse is also true, which means you take a set, which is partitioned into disjoint subsets. There is an equivalence relation in action there. We will see more of it over a screen cast.

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