NPTEL
NPTEL ONLINE COURSE
Discrete Mathematics
Logic
Logical Equivalence - Part 2
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Let us look at this particular example that we have been seeing from a long time. P implies Q, and look at another column which is not P RQ. What do you have to say about these two tables? These two columns, the two tables they are exactly the same which means they both are actually logically equivalent by that I mean we can replace P implies Q. Wherever you spot P implies Q you can replace it by not P or Q and the resulting expression will continue to be the same.

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