

Discrete Mathematics

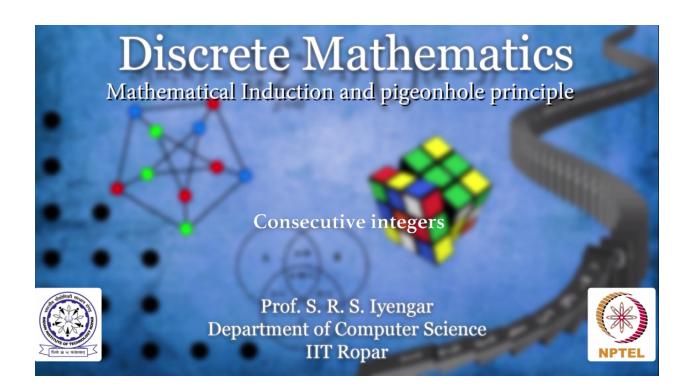
Functions

Consecutive integers

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If 51 numbers are chosen from the integers 1 to 100 with 1 and 100 included then through that any two of the chosen integers are consecutive which means you have to prove that among the integers which you have chosen you will end up having two integers which are consecutive.

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If 51 numbers are chosen from

{1, ....., 100} with 1 and 100 included,

then prove that any 2 of the chosen

integers are consecutive.
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Think about the problem. In the next video we will be giving you the solution.