



NPTEL

NPTEL ONLINE COURSE

Discrete Mathematics

Functions

Counting number of functions

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Counting, counting, counting we always talk about counting and I am back again talking about it once more in this chapter. You can easily guess what will be my next question.

Can you count the total possible functions from a set A to a set B ? First question. Second question. Can you count all possible one-one functions from A to B and natural next question, can you count all possible onto functions from A to B and finally can you count all possible bijection from A to B ?