Discrete Mathematics Notebook

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Abstract

My Discrete Mathematics self-study notes and excercises.

Chapter 1

Sets, Sequences and functions

1.1 Some Special Sets

Set theory is used as the underlying basis for Mathematics. Set theory defines a
"set" as collection of objects. Sets are denoted using capital letters such as A, B, S
or X.

An object that belongs to a set is a called a member/element of that set. For
example if 'a' is an object and A is a set we can denote it by writing: