

# Linux Networking

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November 4, 2023

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## 1 Naive Set Theory



### 1.1 Extension

**Axiom 1.1.** *Two sets are equal if and only if they have the same elements.*

### 1.2 Specification

**Axiom 1.2.** *To every set  $A$  and to every condition  $S(x)$ , there corresponds a set  $B$  whose elements are exactly those elements  $x$  of  $A$  for which  $S(x)$  holds.*