

# Real Analysis and Foundations

App.-II Logic and Set Theory

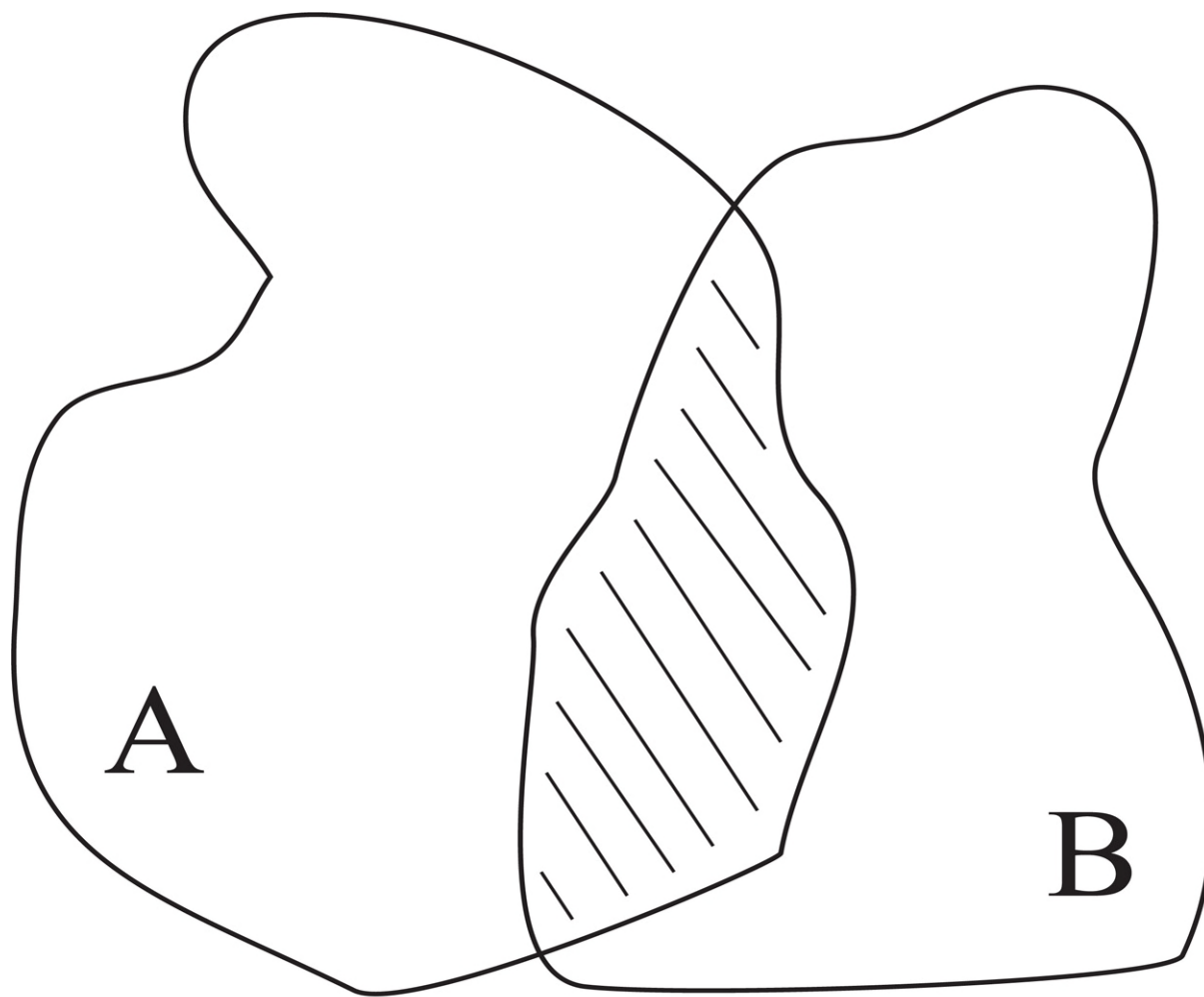


Figure A2.1: The intersection of two sets.

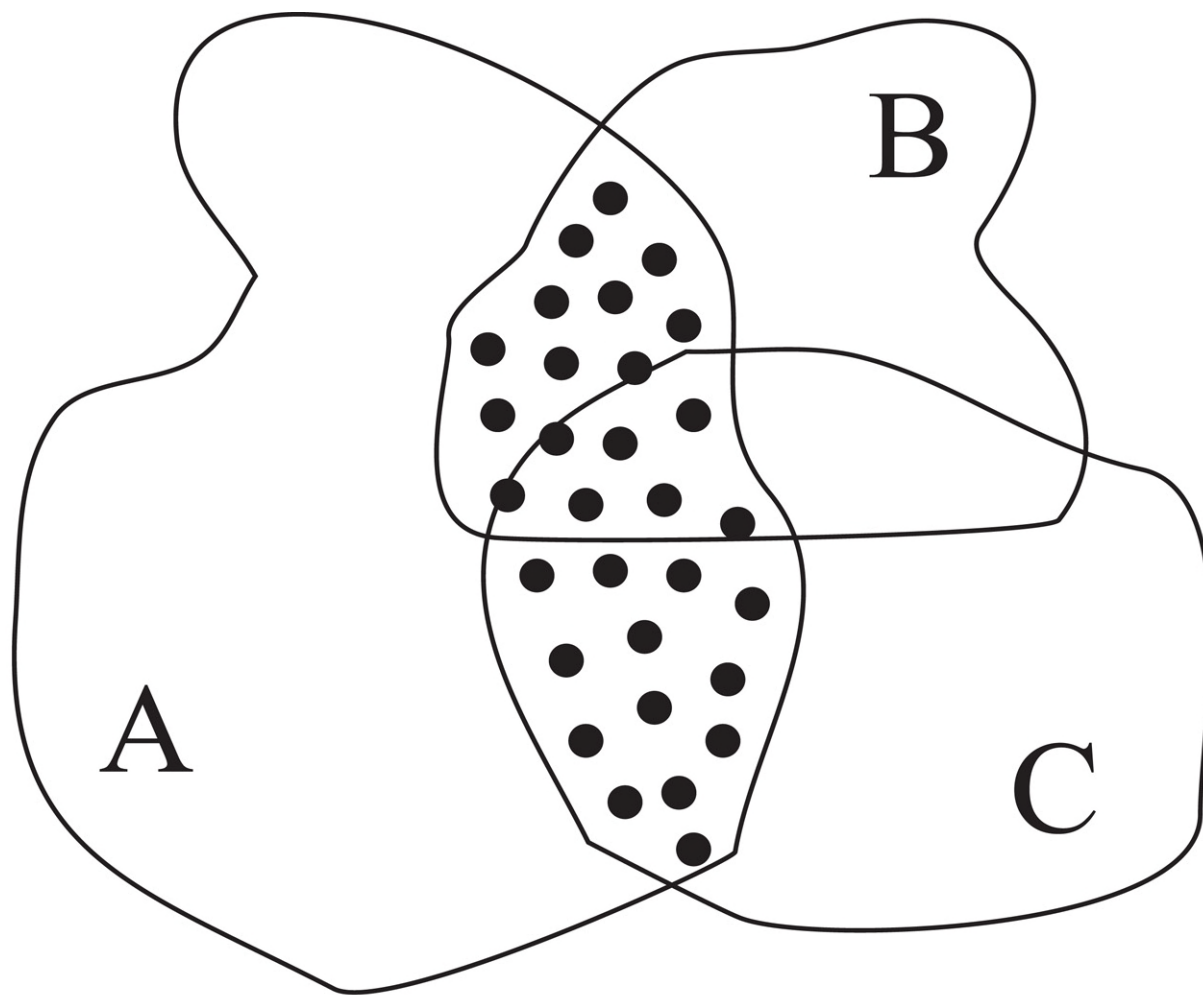


Figure A2.2:  $A \cap (B \cup C) = (A \cap B) \cup (A \cap C)$ .

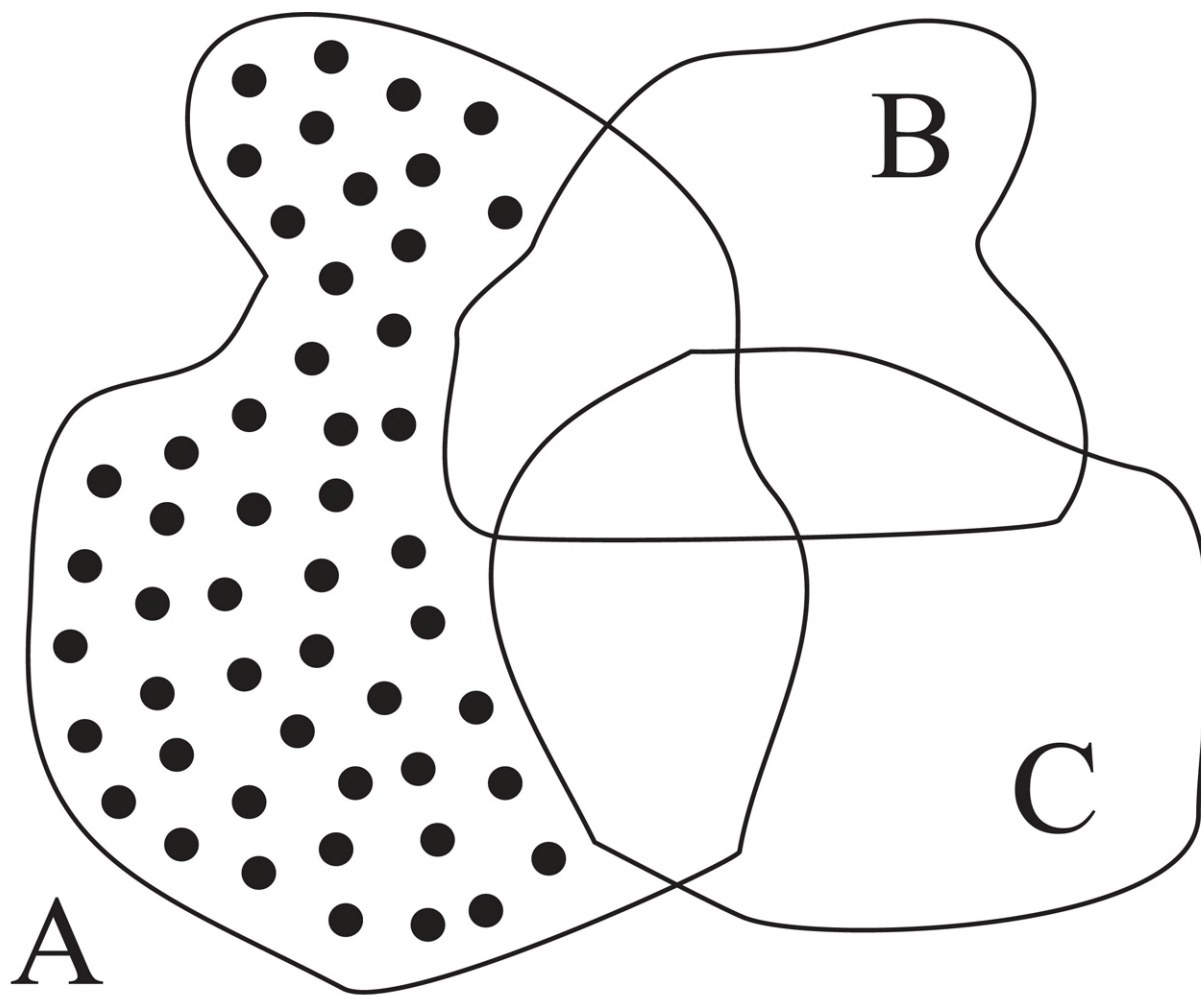


Figure A2.3:  $A \setminus (B \cup C) = (A \setminus B) \cap (A \setminus C)$ .

## Value of Yen Against Dollar

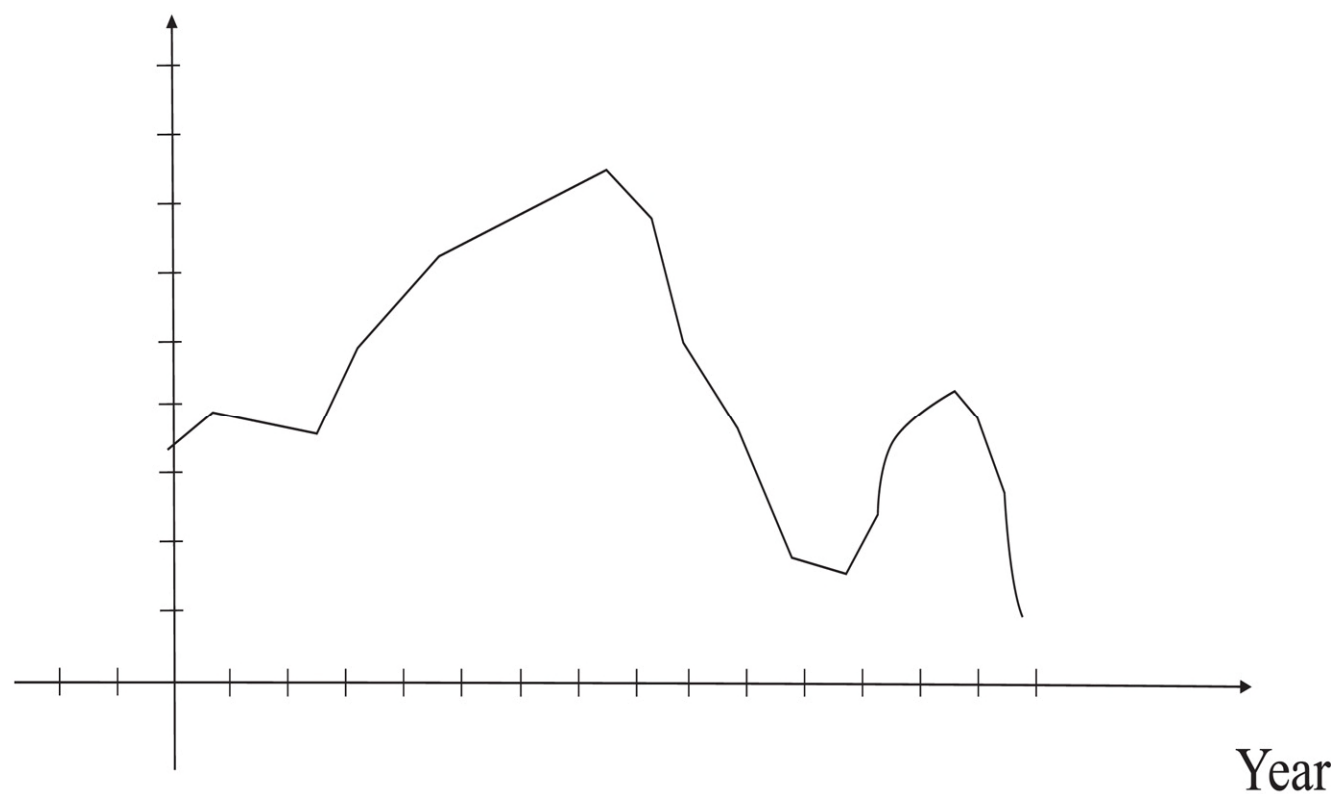


Figure A2.4: Value of the Yen against the Dollar.

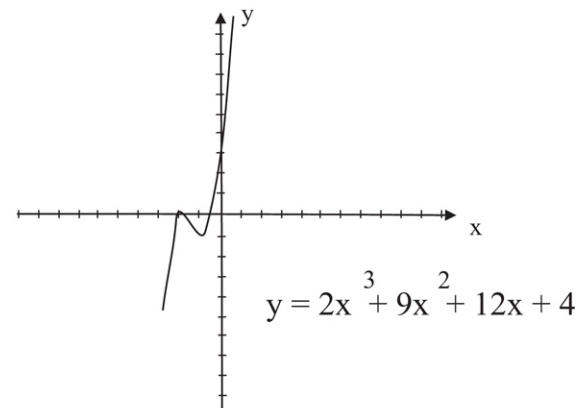
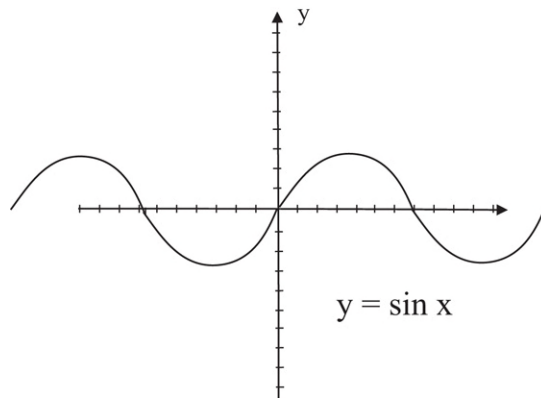
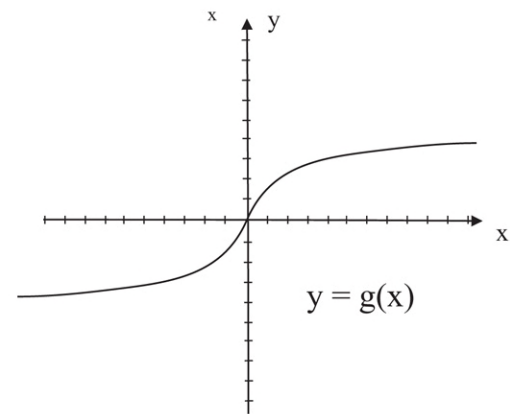
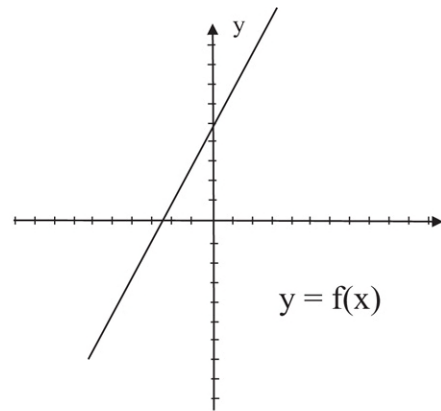


Figure A2.5: One-to-one and onto functions.