

3.5 Functions

[1YR]

The definition of *function* can be obtained from set theory in this way.

Definition 3.140. [1Y6]

Definition 3.141. [16G]

In practice, the definition of function is always written as $f : A \rightarrow B$; for this reason the graph is defined as

$$F = \{(a, b) \in A \times B : b = f(a)\} .$$

Remark 3.142. [08X]

Exercises

E3.143 [1WQ]

E3.144 [1WR]

E3.145 [1WS]

E3.146 [08Y]

E3.147 [1X3]

E3.148 [1X4]

E3.149 [1X5]

E3.150 [1X6]

E3.151 [091]

E3.152 [092]

E3.153 [250]

E3.154 [251]

E3.155 [2BX]

E3.156 [093]

E3.157 [095]

E3.158 [097]

E3.159 [01P]

QuasiEsercizio 6. [099]

QuasiEsercizio 7. [09B]

QuasiEsercizio 8. [09C]

QuasiEsercizio 9. [09D]

QuasiEsercizio 10. [09F]

3.6 Elementary functions

Exercises

E3.160 [09G]

E3.161 [09J]

E3.162 [09K]

E3.163 [211]