3.4 Order relations [1YY]

Let $(X, \leq)$ an orderered set, non-empty (*cf* definition [1Y5])

Definition 3.101. *[229]*

Exercises

E3.102 [1WJ]

E3.103 [067]

E3.104 [29D]

E3.105 [069]

E3.106 [1WM]

E3.107 [1WN]

E3.108 [1YJ]

E3.109 [06C]

E3.110 [06F]

E3.111 [06J]

E3.112 [263]

See also Proposition [1Z7].

QuasiEsercizio 4. *[06K]*

[[1YZ]]

3.4.1 Direct and filtering order

[2FJ]

3.4.2 Lexicographic order

[2FH]

3.4.3 Total ordering, sup and inf

[2FM]

3.4.4 Total ordering, intervals

[2DW]

3.4.5 Order types

Definition 3.113. *[07V]*

Remark 3.114. *[21R]*

Remark 3.115. *[21V]*

Exercises

E3.116 [220]

E3.117 [22P]

E3.118 [21P]

E3.119 [21Q]

3.4.6 Concatenation

Definition 3.120. [21W]

Exercises

E3.121 [21X]

E3.122 [21Y]

E3.123 [21Z]