

### 0.0.1 Total ordering, intervals

[2Dw]

Let  $\leq$  a total order on a non-empty set  $X$ .

**Definition 0.1.** [07C]

Note that the empty set is an interval.

**Definition 0.2.** [07D]

[24Y]

### Exercises

E0.3 [07F]

E0.4 [07H]

E0.5 [07K]

E0.6 [07N]

E0.7 [206]

**QuasiEsercizio 1.** [07Q]