§8.i   Neighbourhood, adherent point, isolated point, accumulation point

Definition 8.i.1 (Neighbourhoods)**.** *[OGW]*

Definition 8.i.2. *[OGX]*

We also define this concept (already seen in [OBG] for the case $X = \mathbb{R}$).

Definition 8.i.3 (accumulation point)**.** *[OGY]*

[2BN]

Exercises

E8.i.4 [OGZ]

E8.i.5 [OH0]

E8.i.6 [OH1]

E8.i.7 [OH3]

E8.i.8 [OH5]

E8.i.9 [OH7]

E8.i.10 [OH9]

E8.i.11 [OHD]

E8.i.12 [OHG]

E8.i.13 [OHJ]