

# Exercises

11.57 [12W] Prerequisites: [124], [125].

The opening is also given by  $A \circ B = \bigcup_{x \in X, B+x \subseteq A} (B+x)$ , which means that it is the locus of translations of the structuring element  $B$  inside the set  $A$ .

**Solution 1.** [12X]