

Exercises

11.52 [129] Prerequisites: [124], [125].

Show that the four operations are monotonic: if $A \subseteq C$ then $A \oplus B \subseteq C \oplus B$, $A \ominus B \subseteq C \ominus B$, $A \cdot B \subseteq C \cdot B$ and $A \circ B \subseteq C \circ B$.

Solution 1. [12B]