

1.104: Symmetry element

A **symmetry element** (of a given crystal structure or object) is defined as a concept with a double meaning, namely the combination of a geometric element with the set of symmetry operations having this geometric element in common (termed its *element set*). Together with the identity and the translations, for which a geometric element is not defined, the element sets cover all symmetry operations.

This page titled [1.104: Symmetry element](#) is shared under a [CC BY 4.0](#) license and was authored, remixed, and/or curated by [Online Dictionary of Crystallography](#) via [source content](#) that was edited to the style and standards of the LibreTexts platform.