1.100: Subperiodic group

A **subperiodic group** is a group of Euclidean mappings such that its translations form a lattice in a proper subspace of the space on which it acts.

A **crystallographic subperiodic group** in n-dimensional space is a subperiodic group for which the group of linear parts is a crystallographic point group of n-dimensional space. The crystallographic subperiodic groups in two and three-dimensional space are classified in:

- **frieze groups**: 7 two-dimensional groups with one-dimensional translations;
- **rod groups**: 75 three-dimensional groups with one-dimensional translations;
- **layer groups**: 80 three-dimensional groups with two-dimensional translations.