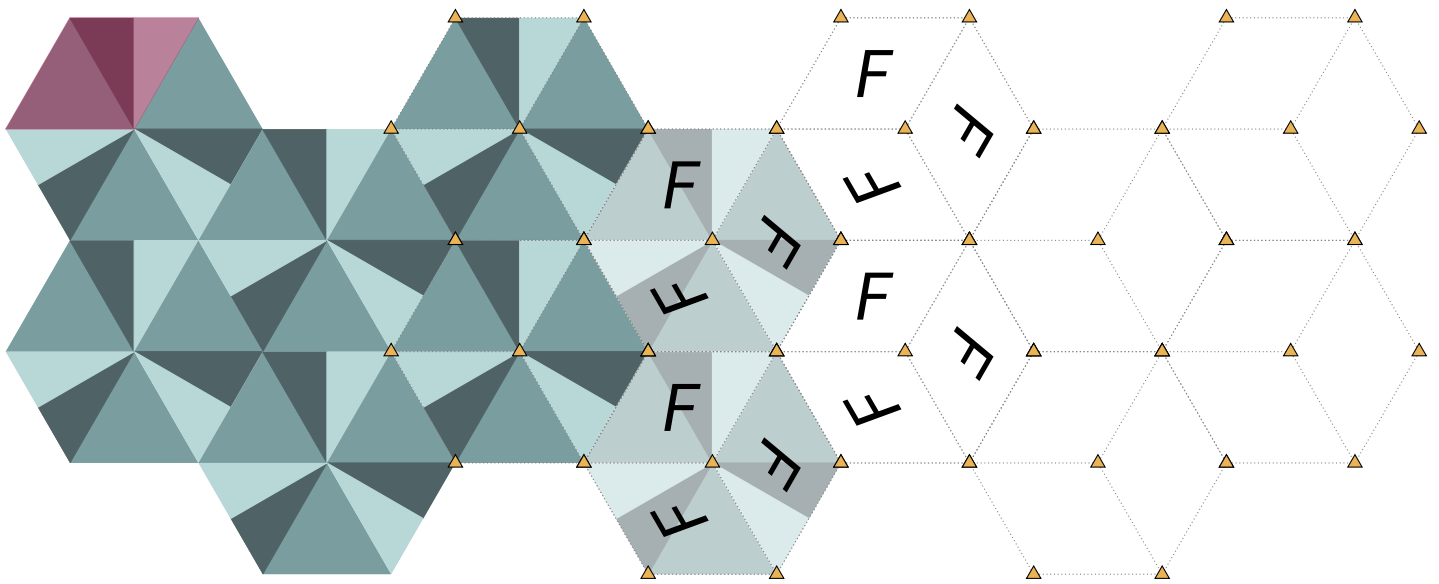


GROUP: P3



ORBIFOLD SIGNATURE

333

IUC NOTATION

p3

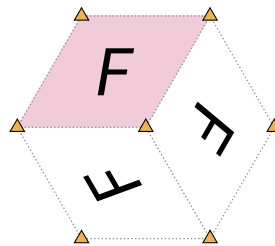
COXETER NOTATION

$[3^{[3]}]^+$

LATTICE TYPES

Hexagonal

LATTICE STRUCTURE



SAMPLE CELL



ROTATIONS

▲ Three Fold Rotations

Three centers of 120° rotation

REFLECTIONS

None

NOTES

Can be formed by arranging two distinct equilateral triangles (that are not reflections of each other), each with three fold rotational symmetry and no reflections, so that triangles in the same orientation are equal.

GROUP: P3

FUNDAMENTAL CELL

SAMPLE TILING

