

9.17: Twinning by metric merohedry

Twining by metric merohedry is a special case of twinning by merohedry which occurs when:

- the lattice of the individual has accidentally a specialized metric which corresponds to a higher holohedry
- the twin operation belongs to this higher holohedry only

If H is the individual point group, $D(H)$ the corresponding holohedry and $D(L)$ the point group of the lattice, twinning by metric merohedry corresponds to $D(L) \supset D(H) \supseteq H$

Twining by metric merohedry can be seen as the degeneration of twinning by reticular merohedry to twin index 1, or of twinning by pseudomerohedry to twin obliquity zero.

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