Group - Theoretical representation of holohedral forms of crystals by conjugated simple forms. Intergrowth of crystals

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Abstract

The schemes for division of holohedral simple forms of crystals into conjugated simple forms are derived by decomposition of the symmetry group of the primitive sublattice into double cosets. The number of equivalently oriented simple forms in the intergrowth of crystals, whose primitive space sublattices are parallel to one another, is equal to the number of holohedral permutational conjugated simple forms, which has the value 992 for all the 32 symmetry classes. © 2000 MAIK "Nauka/Interperiodica".