20.1-06 On the classification symbols of the groups of generalized symmetry, homology, similarity symmetry and curvilinear symmetry.

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For the purposes of the classification of the groups of generalized symmetry the Böhm-Kopaska symbol $S^0_{rt}(p)$ is applied. This symbol describes the group of p-colored and l-fold antisymmetry in the r-dimensional space with the t-dimensional translation subgroup. We propose to give this symbol a more general meaning, so it will concern all groups of generalized classical symmetry, homology, similarity symmetry and curvilinear symmetry. To distinguish among various kinds of symmetry, S, H, L, C letter symbols are suggested which are put in place of the letter $S$.

- $S^1_{rt}(p)$ is a symbol of generalized classical symmetry groups,
- $H_1(p)$ is a symbol of generalized homology groups,
- $L_1(p)$ is a symbol of generalized similarity symmetry groups,
- $C^1_{rt}(p)$ is a symbol of generalized curvilinear symmetry groups.

It is suggested that the symbol $C^0_{rt}(p)$ should be used for the crystallographic groups with 1, 2, 3, 4, 6-fold axes, where $c$ = crystallographic.