

Group Symmetry and Algebra

Please note the style followed by *Physical Review A* and *Physical Review E* for group symmetry, group algebra, and topology notation.

Group symmetries are roman and capitalized when followed by a number:

$$SU(3), SU_3, O(n), U(n), Sp(n)$$

Group symmetries are italic and capitalized for single letters with subscript:

$$S_N$$

Algebras are lowercase roman:

$$su, su_3, su(3)$$

The following double-letter symbols are acceptable for describing topology and should be defined at their first occurrence; they are set roman:

Wr	Writhing number
Lk	Linking number
Tw	Twist number
Ca	Catenation number