

## 3.10: Vocabulary and Concepts

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abelian

abelian group

character

class

closed

commutative

complementary

direct product

Great Orthogonality Theorem

group

group multiplication table

Group Theory

identity element

inverse

irreducible representations

multiplication operation

order

principle rotation axis

representation

Scheonflies notation

similarity transform

symmetry element

symmetry operations

totally symmetric representation

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