

Topology Glossary.

- (1) **Neighborhood system:**
- (2) **Topology/topological space:**
- (3) **Open set:**
- (4) **Complement:**
- (5) **Closed set:**
- (6) **Closure:**
- (7) **Interior point:**
- (8) **Limit point:**
- (9) **Boundary point:**
- (10) **Isolated point:**
- (11) **Metric/Metric topology/Metric space:**
- (12) **ε -neighborhood/ ε -ball/ $V_\varepsilon(a)$:**