Mathematics Glossary

Key Terms and Definitions

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| --- | --- | --- | --- |
| Term | Definition | Example | See Also |
| Injection | . |  |  |
| Bijection |  |  |  |
| Surjection |  |  |  |
| Conjunction |  |  |  |
| Disjunction |  |  |  |
| Tautology |  |  |  |
| Lemma |  |  |  |
| Proposition |  |  |  |
| Statement |  |  |  |
| Intersection |  |  |  |
| Union |  |  |  |
| Axiom of Extensionality |  |  |  |
| Antecedent |  |  |  |
| Contrapositive |  |  |  |
| Cardinal |  |  |  |
| Ordinal |  |  |  |
| Equinumerous |  |  |  |
| Equipotent |  |  |  |
| Inclusion |  |  |  |
| Exclusion |  |  |  |
| Periodicity |  |  |  |
| Monotonicity |  |  |  |
| Boundedness |  |  |  |
|  |  |  |  |