**MATH SYMBOLS THAT CAN BE PASTED ON MOODLE**

**Note to the students:** You will use the following notations consistently in this course. This document contains all the essential symbols used throughout the course, so there is no need to search for them elsewhere. Simply copy the desired notation onto Moodle, where you can easily paste it into the discussion forum, learning journal, or written assignment. To paste the notations in the respective forums, please make sure to use the 'Advanced' option in Moodle. You can download this document and save it on your computer for convenient access in all units.

ℤ - Integers

ℝ - Real numbers

ℕ - Natural numbers

ℚ - Rational numbers

**∪- Union**

**∩- Intersection**

**⊆ - Subset**

**⊄ -** Not subset

**⊂-** Proper superset / strict superset

**⊇ -** Superset set

**Ø -** Empty set    
  
**⊅-** Not superset set X

**Ac** - Complement of A

**∆ -** Symmetric difference

∈ - Belongs to

∉ - Does not belong to

V - Disjunction

∧ - Conjunction that means

→ - If … then or implies.

↔ - If and only if or double implication

¬ - Negation or “not”.

 - Negation

≡ - Congruence

∀ - For all

∃- There exists

ab – Subscript

ab – Super script

*×* - Cartesian product or multiplication

*÷* - Division

*≤* - Less than or equal to

*≥* - Greater than or equal to

*≠* - Not equal to

∴ - Therefore

∵ - Since

≈ - Approximately equal to

∞ - Infinity

⟹ - Implies

⟺ - Double implication

Σ – Summation

∥ - Parallel

⊥ - Perpendicular

≅ - Isomorphic or equivalence