

Short Hand Glossary:

- \exists = "For some" / "There Exists"
- \forall = "For all"
- Soln. = "Solution"
- \therefore = "Therefore"
- I.e. = "That is (to say)"
- \mathbb{R} = Set of all Real Numbers
- DNE = "Does not exist"
- W/ = "With"
- iff = "if & only if"
- Sol. = "Such that"
- Equ. = "Equation"
- W.r.t. = "With respect to"
- \in = "Belongs to"
- \mathbb{Z} = Set of all Integers
- $\&$ = "and"
- W/O = "Without"
- RHS = "Right Hand Side"
- LHS = "Left Hand Side"