

MthT 491 Topics

1. Formulation of Mathematical Propositions
2. Natural Numbers
3. Mathematical Induction and Well Ordering
4. Bases and Recursive Definitions
5. Divisibility and Euclidean Algorithm
6. Primes and Unique Factorization
7. Weird Examples: $2n$, $1(\bmod 4)$, $m + n\sqrt{2}$
8. Positivity and Inequalities