



Cheenta

Passion for Mathematical Science

Book List

If you are starting with the course, then you may buy the books in the Miscellaneous Section only. Later, your faculty will prescribe other books in class.

Miscellaneous

- Challenges and Thrills of Pre-College Mathematics by Venkatchala
- Excursion in Mathematics by Bhaskaracharya Pratishtana
- Problem Solving Strategies by Arthur Engel
- Test of Mathematics at 10+2 Level by East West Press
- IMO Compendium

Number Theory

- **NT I** Excursion in Mathematics; Challenges and Thrills of Pre-College Mathematics
- **NT.II** Elementary Number Theory by David Burton
- **NT.III** Elementary Theory of Numbers by W. Sierpinsky



Combinatorics

- **Com.I** Principles and Techniques in Combinatorics by Chen Chuan Chong and Koh Khee Meng
- **Com.II** Graph Theory by Harary
- **Com.III** Problem Solving Strategies by Arthur Engel
- **Com.IV** Notes by Yufei Zhao

Algebra

- **Alg.I** Excursion in Mathematics; Challenges and Thrills of Pre-College Mathematics
- **Alg.II** Polynomials by Barbeau

Geometry

- **Geo.I** Lines and Curves by Vasiliyev (something else)
- **Geo.II** Challenges and Thrills of Pre-College Mathematics
- **Geo.III** Geometric Transformation by Yaglom
- **Geo.IV** Notes by Yufei Zhao

Trigonometry

- **Trig.I** Trigonometric Delights by El Maor
- **Trig.II** Trigonometry by S.L. Loney
- **Trig.III** 101 Problems in Trigonometry by Titu Andreescu

Inequality

- **Ineq.I** Inequality by Little Mathematical Library



- **Ineq.II** Secrets in Inequalities by Pham Kim Hung

Complex Numbers

- **Complex.I** Complex Numbers from A to Z