

Combinatorial number theory

15.1. Partitions

15.2. Jacobi's triple product identity

15.3. The Freiman-Ruzsa Theorem

15.4. Expansion and the Plünnecke-Ruzsa inequality

15.5. Schnirelman's Theorem

15.6. Classical additive number theory

15.7. Challenging problems

Appendix 15A. Summing sets modulo p

15.8. The Cauchy-Davenport Theorem

Appendix 15B. Summing sets of integers

15.9. The Frobenius postage stamp problem, III