

Discrete Mathematics and Its Applications

Eighth Edition

Kenneth H. Rosen
formerly AT&T Laboratories

MID2 - CHECK LIST

9	Relations	599
9.1	Relations and Their Properties	599
9.3	Representing Relations	621
9.5	Equivalence Relations	638
9.6	Partial Orderings	650
6	Counting	405
6.1	The Basics of Counting	405
6.2	The Pigeonhole Principle	420
6.3	Permutations and Combinations	428
6.4	Binomial Coefficients and Identities	437
8	Advanced Counting Techniques	527
8.2	Solving Linear Recurrence Relations	540
8.5	Inclusion–Exclusion	579
4	Number Theory and Cryptography	251
4.1	Divisibility and Modular Arithmetic	251
4.3	Primes and Greatest Common Divisors	271
4.4	Solving Congruences	290
4.5	Applications of Congruences	303
4.6	Cryptography	310

Assistant Prof : Jamilusmani