

Assignment #6 due Monday 10/30

Assignment #7 due Monday 11/6

Exam 2 Monday 11/6 covering Assignments 4-7

and the accompanying Chapters: Induction, Recurrence, Catalan, Stirling.

* There will be one 2nd-order linear homogeneous

recurrence to solve. $\Gamma_n = 2\Gamma_{n-1} - \Gamma_{n-2}$ or
(with power series)

$$\Gamma_n = \Gamma_{n-1} + 6\Gamma_{n-2} \text{ with } r_0 = 2, r_1 = 5$$

Where r_0 and r_1 are given.

* Inverse matrices with Stirling numbers or binomial coefficients.