Spring 2022, Math 579: Preliminary Problem Set 4
Due: Thursday, February 17th, 2022
Binomial Theorem (Deep Cuts) and Catalan Numbers

Preliminary problems. These problems should be completed before discussion on Thursday.

(P1) A *lattice path* is a path consisting only of unit moves up and right. Draw all 6 lattice paths from $(0,0)$ to $(2,2)$; one is already drawn for you.