Fall 2015, Math 431: Week 4 Preliminary Problems
Due: Thursday, September 24th, 2015
Permutations

Preliminary problems. The problems below should be completed before class on Thursday.

(P1) Find all 15 partitions of the set [4].

(P2) Draw the Ferres diagram for the following partitions. Identify which are conjugates.

$$a = (7, 4, 2, 1, 1), \qquad b = (6, 5, 2, 2), \qquad c = (4, 4, 4, 4)$$