1093-05-271 **Christopher A Francisco**, Stillwater, OK 74078, **Jeffrey Mermin**, Stillwater, OK 74078, and **Jay Schweig*** (`jay.schweig@okstate.edu`), Stillwater, OK 74078. *Borel ideals, pointed pseudo-triangulations, and Catalan numbers.* Preliminary report.

In an earlier work, we showed that the Betti numbers of certain Borel ideals correspond to the number of pseudo-triangulations of certain point configurations. Here, we explain this relationship with an explicit bijection involving binary trees, and discuss how an the sequence resulting from the application of an invertible transformation to Catalan's triangle can be used in other counting applications. (Received August 18, 2013)