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Partial ordinary, and bumpless, pipe dreams

First I'll define "partial pipe dreams", which is somewhere between a permutation and a pipe dream for that permutation. To each such D I'll associate a variety $Y_D \subseteq Mat_n$ that is correspondingly between a matrix Schubert variety and a coordinate subspace. Then the inductive theorem is that if we revlex the matrix variable at an "outer corner" (i,j) of D, Y_D degenerates to a union of various $Y_{D'}$ where the pipe dream part of D' is that of D plus one more tile at (i,j). Then I'll talk about the projective dual statement, lexing partial bumpless pipe dreams. Time permitting, I'll talk about joint work in progress with P. Zinn-Justin interpolating between the ordinary and bumpless pictures.