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Initial ideals of tangent cones to Schubert varieties in orthogonal Grassmannians

This is a report of joint work with Shyamashree Upadhyay. We give a description of initial ideals, with respect to suitably chosen term orders, of tangent cones to Schubert varieties in orthogonal Grassmannians. These ideals being square free monomial ideals, they are (Stanley-Reisner) face rings of simplicial complexes. We describe these complexes.