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Grobner degeneration for skew-symmetric matrices

Since the introduction of Grobner geometry in Knutson and Miller's breakthrough work on matrix Schubert varieties, the technique has been employed to study many related spaces. In a major advance building on previous work joint with the speaker, Marberg and Pawlowski used these methods to describe K-theory representatives for skew-symmetric matrix Schubert varieties. In this talk, we explore further work in this setting. This includes joint work with Anna Weigandt.