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Parametrizing the Grassmannian using pipe dreams

Grassmannian has various decompositions, each with its own interesting combinatorics. In this talk we will be focusing on the Deodhar decomposition of the Grassmannian. We motivate the decomposition, and give a parametrization of the components using Go-diagrams, which are a special class of pipe dreams. We will also discuss the applications of this parametrization in the problem of analyzing the closure of Deodhar components.