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Classifying cominuscule Schubert varieties up to isomorphism

Cominuscule flag varieties generalize Grassmannians to other Lie types. Schubert varieties in cominuscule flag varieties are then indexed by posets of roots labeled long/short. These labeled posets generalize the Young diagrams that index Schubert varieties in Grassmannians. We discuss the question of how these posets determine the isomorphism class of a Schubert variety.