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Hyperbolic Demazure algebra

In this talk I will mention recent joint work with C. Lenart and K. Zainoulline on Demazure algebra for hyperbolic formal group law. First I will talk about the left and right Hecke action. Then I will focus on hyperbolic formal group law and mention some interesting relationship between hyperbolic Demazure algebra and Kazhdan-Lusztig basis. This will lead to some computation of the newly defined KL Schubert classes.