1165-05-120   **Pavel Galashin** and **Thomas Lam***, 530 Church St., Ann Arbor, MI 48109. *Positroid varieties and q,t-Catalan numbers.*

We show that the mixed Hodge polynomial of the open positroid variety is given by the q,t-rational Catalan number. I will discuss geometry and combinatorics related to this result. (Received January 15, 2021)

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