

1163-13-1175 **Zhan Jiang*** (zoeng@umich.edu), Univ of Michigan, 2074 East Hall, 530 Church St, Ann Arbor, MI 48109. *Test elements for tight closures in equal-characteristic.*

In this talk, we present some new results for tight closure on complete local domains of equal-characteristic. We first talk about the characteristic p case. Then we will briefly introduce the construction of tight closure in characteristic 0 and present some results on the test elements. (Received September 14, 2020)