

1173-13-176

Hailong Dao and **Jay Schweig***, 401 MSCS, Stillwater, OK 74078. *The type invariant of simplicial complexes.*

We'll talk about the type of a simplicial complex, which is an invariant that relates to properties like chordality and Cohen-Macaulayness. We'll also show connections to matroid complexes, resolutions, and graphs, and discuss possible generalizations and further directions. (Received September 20, 2021)