

1124-14-277

Jimmy Dillies*, Jimmy Dillies, Georgia Southern University, Statesboro, GA 30458. *Models of automorphisms and fibrations.*

Constructing examples of varieties with prescribed automorphisms can often be daunting when no extrinsic geometric information is given. When the variety is an elliptic K3 surface, we show how the action induced on the Gram graph helps us create geometric models and visualize factorization of automorphisms. (Received September 11, 2016)