

1135-20-2174 **Dan Rossi*** (drossi@math.arizona.edu), 617 N Santa Rita Ave, Tucson, AZ 85721. *Fields of Character Values in Finite Groups.*

I will discuss two results involving fields of character values in finite groups. The first relates the number of rational-valued irreducible characters and the number of rational conjugacy classes in a finite group. The second, for any prime p and any field F , relates the F -valued p -Brauer characters and the p -regular F -conjugacy classes (those classes whose value at any p -Brauer character lies in F) of G to those of G/N , for certain normal subgroups N of the finite group G . These results extend work of Navarro-Tiep and Isaacs-Navarro, respectively. (Received September 25, 2017)