

**Meeting:** 1006, Lubbock, Texas, SS 3A, Special Session on Classical and Differential Galois Theory

1006-12-171      **Arne Ledet\*** ([arne.ledet@ttu.edu](mailto:arne.ledet@ttu.edu)), Department of Mathematics, Texas Tech University,  
Lubbock, TX 79409-1042. *Essential dimension.*

We describe the concept of essential dimension for a finite group, as introduced by Buhler and Reichstein, and present some recent results, as well as various conjectures. (Received February 14, 2005)