

1041-20-2

Alexander S Kleshchev* (klesh@uoregon.edu), Department of Mathematics, University of Oregon, Eugene, OR 97403. *Representation theory of symmetric groups.*

We will review recent developments in representation theory of symmetric groups, focussing mainly on modular representations. Representation theory of symmetric groups is a classical subject famous for its beauty and accessibility, at least as far as statements of the theorems are concerned. Recently, it has seen a lot of activity related to newly found connections with Lie theory, especially canonical bases and categorifications. (Received June 10, 2008)