1067-16-1876   **Marc Keilberg*** (`keilberg@alumni.usc.edu`), San Diego, CA 92117. *Indicators for the Drinfel'd doubles of certain groups.*

Frobenius-Schur indicators and their generalizations have proven to be a useful invariant of Hopf algebras, as well as other algebraic objects. For the group algebra of a finite group, these indicators are well-known to be integers. The same result is conjectured to hold for the Drinfel'd double of a finite group. However, little is known of connections between the structure theory of the group and the values of the indicators for its double. We discuss several families of groups for which these indicators have been computed and the patterns that have emerged. (Received September 22, 2010)