

1135-P1-828 **Thomas W. Judson*** (judsontw@sfasu.edu), Nacogdoches, TX 75962. *The UTMOST Sage Cell Repository.*

Sage, an open source computer algebra system, can have a somewhat steep learning curve. The best remedy to this situation is the Sage cell, a self-contained Sage calculation that can be embedded in any web page. The Sage code is present in the HTML and no programming is required. Sage commands are executed on a remote server. The commands can also be modified. If a mistake is made, one only needs to reload the web page to restore the original commands. Project UTMOST has created a repository of commonly used Sage cells to assist learners and allow authors to work more efficiently to incorporate Sage into their documents. We will demonstrate the Sage cell repository. (Received September 15, 2017)