

1077-E1-1174 **Scott B. Guthery*** (scott@docentpress.com), 2400 Beacon #208, Chestnut Hill, MA 02467.
Google Books and the Long Tail of Mathematics.

A theorem proven by Lagrange in 1779 is just as true and and just as useful today as it was the day after he proved it. This is the long tail of mathematics. Google Books in cooperation with research libraries around the world is making a vast store of long-tail, "shoulders of giants" mathematics readily available to today's student, teacher, and independent scholar. This talk describes case studies in using open-access mathematics literature in the classroom and for independent study. Tips for using these resources are included. (Received September 17, 2011)