

1113-65-15

Razvan Alexandru Mezei* (razvan.mezei@lr.edu). *Sage Interacts for Calculus and Numerical Analysis.*

Sage Math is a free open source software that has a very easy-to-learn Python-like syntax. It can be installed on a machine or it can be accessed using a web browser.

Sage Math is quickly becoming a popular choice for many areas of Mathematics such as Linear Algebra, Calculus, Number Theory, Cryptography, Numerical Computation, Group theory, Combinatorics, and Graph Theory.

I this talk I will demonstrate how Sage Interacts can easily be created and used in Calculus and Numerical Analysis courses. (Received April 22, 2015)