

1067-Z1-2256 **James S Rolf*** (jimrolf@yahoo.com), 1333 Culebra Avenue, Colorado Springs, 80903. *CalcTool 3: An applet to visualize 3D objects*. Preliminary report.

CalcTool 3 is a freely available suite of Java applets designed to visualize three dimensional objects. I will demonstrate the basic functionality of these applets as well as illustrate how they can be used to help students discover and explore mathematical concepts in a multi-variable Calculus course. (Received September 22, 2010)