Meeting: 1003, Atlanta, Georgia, MAA CP F1, MAA Session on Mathlets for Teaching and Learning Mathematics

1003-F1-859  Michael E. Mays* (mays@math.wvu.edu), Math Department WVU, Armstrong Hall, Morgantown, WV 26505-6310. A Mathematical Java Toolkit Gallery.

A demonstration of several java applets written using the Mathematical Java Toolkit developed by Joe Yanik, including a model of blood splatter, complex roots of quadratic equations, an algebra problem analysis with a diophantine option, and a drawing pad for conic sections using alternative metrics. (Received September 30, 2004)