

1035-P1-192

Daniel Gries* (griesd@merrimack.edu), Department of Mathematics, 315 Turnpike St., North Andover, MA 01845. *Flash mathlets incorporating student-drawn graphs.*

I will present some interactive web-based mathematical applets, developed in Adobe Flash, which make use of student-drawn functions and other graphical elements. The hand-drawn approach allows students to visualize mathematical concepts while getting away from the idea that functions must be defined by formulas. The applet topics will include parametric curves, calculus, and fractals. (Received August 15, 2007)