

1077-VI-2185 **Salvatore Giunta*** (salvatoregiunta@mail.adelphi.edu), Adelphi University, 1 South Ave.,
Garden City, NY 11530. *The Braikenridge-Maclaurin Construction*. Preliminary report.

We present an applet that demonstrates the Braikenridge-Maclaurin theorem, using the Pascal line to show that we do not need six points to determine a conic section (only five are required). The applet will construct any conic section from five points in general position. We also discuss the history of the construction, including the correspondence between Braikenridge and Maclaurin, and the priority dispute that later arose. (Received September 21, 2011)