1003-F1-325   **Charles E Oelsner*** (`c.oelsner@att.net`), Manlius Pebble Hill School, 5300 Jamesville Road, DeWitt, NY 13214. *Webmathematica in the Calculus Classroom.*

Instructors can use webmathematica to make their favorite programs and demonstrations available on the Internet for their students to use interactively and become more engaged in the visualization and computational experience. Examples include slope fields, families of solutions to a differential equation, surfaces of revolution, and the graphs of rational functions showing removable discontinuities and asymptotes. Examples of HTML scripts are given, along with exercises for students to use for in-class and homework activities. (Received September 09, 2004)