

1056-N5-341

Claus Schubert* (claus.schubert@cortland.edu), Dept. of Mathematics, SUNY Cortland, Cortland, NY 13045. *Displaying Mathematics with Plain HTML.*

Despite the new and powerful tools becoming available to publish mathematics on the web, there are still reasons to display mathematics with just plain HTML. Some web servers / course management systems may not allow for any of the advanced tools currently available. For example, the widely-spread course management system WebCT has an equation editor built in, but does not allow for passing variables in a calculated question to an equation built with the editor. As a result, calculated questions with objects such as matrices, integrals, and radicals have to be written in HTML. In this talk I will give a few examples of how to display such objects using just HTML with no embedded images, MathML, etc., and give a brief introduction on how to use an HTML preprocessor to write macros. A basic knowledge of HTML will be assumed. (Received August 31, 2009)