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**Brian T Gill\*** (bgill@spu.edu), Mathematics Department, Seattle Pacific University, 3307 Third Avenue West, Seattle, WA 98119. *Interactive Web-Based Materials for Calculus Using LiveMath*. Preliminary report.

LiveMath is a new computer algebraic system which allows the creation of interactive notebooks which can be embedded in web pages. These notebooks can then be used on any computer with internet access, providing students with access to mathematical software for free from their own computers. The notebooks are fully interactive, allowing users to freely experiment, changing inputs and functions, watch calculations recalculate, interact with graphs, etc. In this talk I will explain and demonstrate how LiveMath works, provide some examples of notebooks that I have developed for Calculus I and II, and discuss student feedback regarding the use of the software. (Received September 15, 2000)