

1096-P5-1960      **Michael E Gage\*** ([gage@math.rochester.edu](mailto:gage@math.rochester.edu)), Department of Mathematics, University of Rochester, Rochester, NY 14627. *Using WeBWorK, Geogebra and other online resources in a Linear Programming course.* Preliminary report.

In this talk I will discuss my experiences using new features of WeBWorK such as essayQuestions, combined with embedded Geogebra applets and other online materials, to create a set of online homework questions that help solidify students' algebraic and geometric understandings of linear optimization and the simplex method.

The main objective will be to indicate the range of possibilities for online questions that can be achieved by using these tools in combination. (Received September 16, 2013)