1023-S1-1620 **Benjamin L. Levitt*** (`blevitt@csuchico.edu`), Department of Mathematics and Statistics, California State University, Chico, Chico, CA 95929. *Using PARI/GP in a Number Theory Class.*

GP/PARI is a computer algebra system that is especially convenient for computations in Number Theory. The relative ease with which a user can obtain significant quantities of data about number fields makes GP/PARI a good tool for a course on Algebraic Number Theory. In this talk, we will look at some sample labs which can help students gain experience with and insight into the subject. (Received September 26, 2006)