1046-11-266 Craig Citro, Alexandru Ghitza and Nathan C. Ryan*, Department of Mathematics, Bucknell University, Lewisburg, PA 17837, and Nils-Peter Skoruppa. Siegel modular forms in Sage.

In this talk I give an overview of what code has been written to handle Siegel modular forms in Sage. Additionally, I will describe some computational and theoretical results that have resulted from this code. (Received August 24, 2008)