1001-22-105   **Brooks Roberts*** (`brooksr@uidaho.edu`), Department of Mathematics, PO Box 441103, University of Idaho, Moscow, ID 83844-1103, and **Ralf Schmidt**, University of Oklahoma. *Local newforms for GSp(4).* Preliminary report.

We report on joint work with Ralf Schmidt on a theory of newforms for representations of GSp(4) over a local nonarchimedean field. This theory is analogous to the theory for PGL(2), but presents some new features. (Received August 17, 2004)