

Meeting: 999, Nashville, Tennessee, SS 11A, Special Session on Nonlinear Partial Differential Equations and Applications

999-35-226 **Bo Guan***, Department of Mathematics, Ohio State University, Columbus, OH 43210. *The Dirichlet problem for Hessian and curvature equations.*

We report some work on fully nonlinear second order elliptic equations of Hessian type and of prescribed curvature type. Related geometric problems will also be considered. (Received August 23, 2004)