1036-35-79   **Igor E. Verbitsky*** (`I.E.Verbitsky@bham.ac.uk`), School of Mathematics, University of Birmingham, Edgbaston, Birmingham, B15 2TT, England. *Hessian equations and inequalities.*

We will present some extensions of the Hessian-Sobolev inequality due to Trudinger and Wang, and related global estimates of solutions for a class of Hessian equations. (Received January 14, 2008)