1057-30-43 William Wancang Ma^{*} (wma@pct.edu), School of Integrated Studies, Pennsylvania College of Technology, One College Avenue, Williamsport, PA 17701, and Jinxi Ma, Department of Mathematics, 37 Xueyuan Road, Haidian District, Beijing, Peoples Rep of China. *Estimates of the hyperbolic metric on the twice punctured plane.* Preliminary report.

We provide various estimates on the hyperbolic metric of the twice puntured plane and apply them to improve Landau's Theorem. We also give an improved upper bound on the hyperbolic metric of the twice puntured plane. (Received December 15, 2009)