1014-47-335 **Abebaw Tadesse*** (abt4@pitt.edu), 5721 Stanton Ave Apt.no. 4, Pittsburgh, PA 15206, Pittsburgh, PA 15206. β -bounded composition operators that belong to the Schatten Class $S_p(H^2)$. Preliminary report.

In this work, for $0 and <math>\phi$ a self-map of the unit disk D with $\phi(D)$ a stolz domain, We use the D.H.Luecking and K.H.Zhu(1992)'s characterization of membership to the Schatten class $S_p(H^2)$ to derive a neccessary condition interms of β – boundedness(i.e an upper bound for the parameter $\beta \geq 1$) for the induced composition operator C_{ϕ} to be in the Schatten class $S_p(H^2)$. This is an extension of my earlier result(which was presented in the AMS meeting, Atlanta(2005) and is currently in preparation to publication) which proves a necessary condition for C_{ϕ} to be Hilbert Schmidt($S_2(H^2)$). (Received September 09, 2005)