

962-47-957

Tavan T Trent* (ttrent@gp.as.ua.edu), Tavan Trent, Dept. of Mathematics, University of Alabama, Tuscaloosa, AL 35487. *An $H^2(\mathbf{D}^2)$ -corona Theorem for Infinitely many Functions on the Bidisk.* Preliminary report.

We extend a corona theorem of Li (Corona Problems of several Variables, Contemporary Mathematics,vol.137, Amer. Math. Soc.,1991) and Lin (M.R. 94c:46106) to the case of infinitely many functions on the bidisk. (Received September 29, 2000)