1116-47-51Cheng Chu* (chengchu@math.wustl.edu), Department of Mathematics, Campus Box 1146,
Washington University in St. Louis, One Brookings Drive, St. Louis, MO 63130, and Dmitry
Khavinson. A Spectral Area estimate of Toeplitz Operators.

We show that for hyponormal Toeplitz operators, there exists a lower bound for the area of the spectrum. This extends the known estimate for the spectral area of Toeplitz operators with an analytic symbol. (Received August 28, 2015)