1044-47-75 **Tavan T Trent*** (`ttrent@as.ua.edu`). *An Algorithm for Corona Solutions (with Bounds) for $H^\infty(D)$.*

In 1962, Carleson solved the corona problem for $H^\infty(D)$ and provided estimates on the solutions. For this talk, we discuss an algorithm to construct corona solutions(with bounds) for $H^\infty(D)$ and provide a simple example to illustrate it. A small modification of this algorithm produces an extremal solution which is a constant multiple of an inner function. (Received August 19, 2008)