962-30-1190 **Linda R. Sons*** (`sons@math.niu.edu`). *Functions of slow growth in the disc and differential equations.* Preliminary report.

Let a be a positive real number and G be the set of functions f meromorphic in the unit disc for which the Nevanlinna characteristic is unbounded and the limit superior of the ratio of T(r,f) to -log (1-r) equals a as r approaches one. Properties of solutions of differential equations in the disc will be discussed where the equations have their coefficients in special subclasses of G . (Received October 02, 2000)