

**ICM-9205-36** Level Sets for Real Entire Functions and the Laguerre Inequalities, G. Csordas, W. Smith and R.S. Varga, Indiana Univ. Math. J., (submitted).

ABSTRACT: The level set structure of a real entire function  $f$  is investigated. The results establish a connection between the level sets of  $f$ , the Laguerre expression for  $f$  and the distribution of zeros of  $f$ . An application to the Riemann Hypothesis is also given.