

962-47-1241

**Vasiliy A Prokhorov\*** (prokhorov@mathstat.usouthal.edu), Department of Mathematics and Statistics, University of South Alabama, Mobile, AL 36688-0002. *On Meromorphic Approximation and the AAK Theorem.*

In this talk we consider some questions relating to the theory of meromorphic approximation in the space  $L_p$ . In particular, we discuss a theorem generalizing the Adamyan-Arov-Krein theorem for the case when the Hankel operator  $A_f$  is constructed from  $f \in L_p$ ,  $1 < p < \infty$ . (Received October 03, 2000)