Texas Tech University. Applied Mathematics Seminar.

ASYMPTOTIC STABILITY OF GENERALIZED FORCHHEIMER FLOWS WITH RESPECT TO BOUNDARY DATA

Akif Ibragimov, Texas Tech University

Wednesday, January 20, 2010

Room: MA 013 , Time: 4:00pm

ABSTRACT. In this talk some qualitative results regarding generalized Forchheimer equations in porous media will be presented. In particular I will discuss asymptotic behavior of the solution of the IBVP for non-linear parabolic equation modeling under some assumption Forcheimer type flows in porous media.