1043-35-157 Lazhar Bougoffa (bougoffa@hotmail.com) and Ammar Khanfer*

(ammar.a.khanfer@wmich.edu). On a Parabolic-Hyperbolic System in Linear Thermo elasticity with nonlocal integral boundary conditions.

This paper studies a boundary value problem with nonlocal conditions for a coupled system of linear thermo elasticity. we shall prove a result on the uniqueness of the solutions for the given system with nonlocal boundary conditions by using an a priori estimate. (Received August 25, 2008)