1086-35-1228   **Dionyssis Mantzavinos***, mantzavinos.1@nd.edu. *The initial-boundary value problem for a class of evolution equations.*

A novel, unified approach to the solution of initial-boundary value problems for linear as well as nonlinear PDEs was introduced by Fokas in 1997. We shall use this approach to study the initial-boundary value problem for a certain class of evolution equations. (Received September 20, 2012)