962-T1-166 Chi-Kan Chen* (cchen@mail.uca.edu). The Existence of Solutions of Parabolic Equations with Barrier Boundary Condition.

Barrier type boundary conditions are modeled for describing the substance diffusion in a medium when obstacles in the medium are considered. The existence of solutions of second order parabolic differential equations with barrier boundary condition is presented in this paper. (Received August 19, 2000)