

Cui Baotong

Oscillation properties for parabolic equations of neutral type

Comment.Math.Univ.Carolinae 33,4 (1992) 581-588.

Abstract: The oscillation of the solutions of linear parabolic differential equations with deviating arguments are studied and sufficient conditions that all solutions of boundary value problems are oscillatory in a cylindrical domain are given.

Keywords: partial differential equation, deviating argument, boundary problem, oscillation

AMS Subject Classification: 35B05, 35R10