UNIVERSITI PUTRA MALAYSIA
BERILMU BERBAKTI

INSPEM WEEKLY SEMINAR

19/2018

Date & Time

8th June 2018, Friday @ 3.15 pm

Venue

Al-Farabi Seminar Room, Second Floor, INSPEM

Presenter

Dr. Siti Suzilliana Putri Mohamed Isa
Associate Researcher
Laboratory of Computational Sciences and Mathematical Physics

Topic

Unsteady Viscous MHD Flow Over a Permeable Curved Stretching/shrinking Sheet

Abstract

The purpose of this paper is to theoretically study the problem of the unsteady boundary layer flow past a permeable curved stretching/shrinking surface in the presence of a uniform magnetic field. The governing nonlinear partial differential equations are converted into ordinary differential equations by similarity transformation, which are then solved numerically.