HACETTEPE UNIVERSITY

December 13, 2023
Wednesday
15:30

Zoom Link: **URL**
Meeting ID: 833 7283 7938
Passcode: 905461

DEPARTMENT OF
MATHEMATICS

GENERAL SEMINAR

SPEAKER

Pelin Ayşe Gökgöz
Yeditepe University, Türkiye

TITLE

Schwarz problem in a ring domain

ABSTRACT

I want to talk about the solutions of the Schwarz boundary value problem which is derived from the Riemann - Hilbert problem. These types of problems are treated in simply connected, multiply connected and unbounded domains. Firstly, we introduce the problem in the simplest case, then we continue to derive the solutions of poly analytic equations. Lastly, we choose the problems in a ring domain for higher-order differential equations.