Bifurcation for Some Elliptic Equations of Kirchhoff-Type

SPEAKER: Baoqiang Yan, Shandong Normal University
TIME: 3:00pm - 4:00pm, Thursday, October 18, 2018
VENUE: Room 264, Geography Building, Zhongbei Campus
(华东师范大学中山北路校区，地理楼264室)
HOST: Xingbin Pan, East China Normal University

ABSTRACT

In this paper, from estimating the eigenvalues for Kirchhoff elliptic equations, we obtain spectral asymptotics and bifurcation concerning the eigenvalues of some related elliptic linear problem.

BIOGRAPHY

Baoqiang Yan is a Professor at School of Mathematics and Statistics, Shandong Normal University. He is primarily devoted to research in nonlinear functional analysis and its application. He won the second-class award of Shandong Natural Science in 2007 and the first-class award of teaching achievement of postgraduate education of Shandong Province in 2009.