

Colloquium

Alfonso Castro

Harvey Mudd College

Friday, February 21, 2014 at 3 pm in Bell Hall 143

Singular and regular radial solutions to a class elliptic boundary value problems

The existence of regular and singular radial solutions is presented using the shooting method. The central role of the Pohozaev identity will be discussed. The interplay between the shooting point and the "Pohozaev energy" along its orbit will be explained.