第 6 回 広島組合せ論セミナー

講演日時: 2015 年 11 月 28 日 (土) 開始時刻:16:30-

場所: 広島大学 東広島キャンパス 理学部 B701

講演者: Gary Greaves (東北大・情報)

タイトル: Graphs with three eigenvalues

概要: I will present some recent results on graphs that have precisely three eigenvalues. It is well-known that the regular case corresponds to strongly regular graphs. In my talk, I will present the case when such graphs have only two different valencies and a full classification the case when the second largest eigenvalue is at most 1. I will also discuss the question of whether graphs with three eigenvalues can have more than three distinct valencies.