On the directed cycle double cover conjecture

Date Thursday, March 28

Time 3 pm

Location 303 Mudd

Abstract:

We show that a class of cubic graphs obtained from the triangle by adding short forks (restrictively subdivided stars) and with a connectivity property satisfy the directed cycle double cover conjecture. The method will be explained as well as relation with dcdc conjecture for general cubic bridgeless graphs.

Joint work with Andrea Jimenez and Mihyun Kang.