## **Melissa Fuentes (Binghamton)**

## **Bounds on Independent Sets of Graphs**

## Abstract for the Combinatorics Seminar 2015 April 14

I will discuss the enumeration of independent sets on graphs with various restrictions. In particular, I will look at the graph which maximizes the number of independent sets amongst all bipartite graphs on n vertices with minimum degree at least  $\delta$ .

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Last update: 2020/01/29 19:03