

**Undergraduate Math Club
Winter 2008
2nd floor Nesbitt Common Room
Thursday, February 21, 4:10-5:00pm
(free pizza and pop, as always)**

Blocking light

Prof. Ben Schmidt

Abstract

Dr. C Well, the world-famous ophthalmologist, is standing in a fixed location in a square room with mirrored walls. Is it possible to place finitely many students around the room so that no matter which direction Dr. Well looks, he cannot see his own reflection? I will discuss a solution to this question and possibly some related open problems.