

Time: Wednesday May 4th, 2011 11:00am

Location: Buchanan A203

Guarding an Art Gallery

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Suppose we own a gallery and wish to prevent thieves from stealing the precious works of art. We wish to place guards in such a way that they can simultaneously see the entire gallery. Where should the guards stand? At corners, along walls, or in the middle of the gallery? How many guards are sufficient? We will review some well-known theorems, and present a new result when guards must be placed along the walls.