

GEOMETRY–TOPOLOGY SEMINAR

Eugene Gutkin

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will speak on

Security and flatness for Riemannian surfaces

ABSTRACT: A manifold is secure if the geodesics connecting any pair of points can be blocked by a finite set. The standing conjecture is that a compact manifold is secure iff it is flat. V. Bangert and I have proved this for surfaces of positive genus. I will report on our work.

TUESDAY, 24 NOVEMBER 2009

LECTURE AT 3:30 PM

ROOM 617, WACHMAN BUILDING

DEPARTMENT OF MATHEMATICS