

MATHEMATICAL PHYSICS SEMINAR
RUTGERS UNIVERSITY
HILL CENTER, ROOM 705
PISCATAWAY, NJ 08854

<http://www.math.rutgers.edu/~lebowitz>

Speaker: Yakov G. Sinai, Princeton University

Date,Time & Place: Thursday, Oct. 2, 2008, 12:00pm, Hill 705

Title: Limiting Distribution of Frobenius Distribution

Abstract: Let $a_1, a_2, \dots, a_n$ be mutually coprime integer numbers. Frobenius number $f(a)$ is the smallest number s.t. every $y > f(a)$ can be written in the form $y = x_1 a_1 + x_2 a_2 + \dots + x_n a_n$, where x_j are non negative integers. If the a grow as R then $f(a)$ grow as $R^{1+1/(n-1)}$. We shall discuss of the limiting distribution of $\frac{f(a)}{R^{1+1/(n-1)}}$.

*Please join us in the kitchen of Hill 705 at 11:45am
for cookies and coffee*