

Public Lecture

Mathematics Awareness Month

Saturday, April 30, 2011

John Hubbard, Cornell University

The Price of Anarchy

It certainly seems that a new bridge will solve the transportation problems. But as it turns out, not necessarily. It may be that building the bridge will slow everyone down.

We will explain why this is true and show that it isn't even unusual. Although it goes against "common sense," closing roads often speeds up travel times for everyone.



But not by all that much. We will explain why the cost of anarchy is $4/3$.

1:00 PM - Bache Auditorium - 228 Malott Hall

Join us outside the auditorium at 2:15 PM for refreshments after the talk.