CS 20/CSCI E-120
DISCRETE MATH FOR CS

or
All the Math You Should Know to do CS
that they Won't Teach You in Math 1&21

NEW COURSE!

But Really This Course is About

- How to reason
- How to solve problems
- How to prove things
- How to think

Don't take this course if:

- You were on the math team in high school
- You have taken or will take Math 23 or Math 25
- You recognize most of what is on the CS 20 placement test (see the course web site)
- You can't handle a well-intentioned course that is having startup problems!

ALBUQUERQUE N MEX
APD 105 519
12 13 77

Do You Want to Switch?

Mr. Lawrence A. Denenberg
Harvard University Center for
Research in Computing Technology
Aiken Computation Laboratory, Room 102
Harvard University
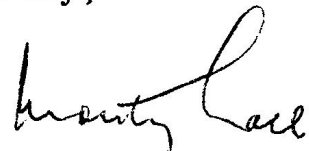Cambridge, MA 02138

Dear Larry:

In sending you my okay for the use of "The Monty
Hall Paradox," I should like to ask you a
question. You mention that in part (a), the
player should switch doors even without addi-
tional compensation -- indeed the player should
be willing to pay Monty up to $21,845 for the
privilege of switching.

Now, I am not well versed in algorithms; but
as I see it, it wouldn't make any difference
after the player has selected Door A, and
having been shown Door C - why should he then
attempt to switch to Door B? The major prize
could only be in one of the three doors. He
has made his selection of one of the doors.
He has been shown one of the doors that contains
a "booby"; ergo, the major prize will be either
in the one he selected (Door A) or the one that
remains, Door B. Why would he be compelled to
switch doors and even pay for the privilege?
The chances of the major prize being behind
Door A have not changed. He still has one
of the two remaining doors. What makes Door B
such an attraction? I would be pleased if you
would write me, explaining this situation.

Best of luck with the book.

Sincerely,

Subject: Re: six degrees to harry lewis

Date: January 23, 2004

Professor,

I've been interested in graph theory and its applications to social networks for a while now, so I did some research that has to do with linking people through articles they appear in from the Crimson. I thought people would find this interesting, so I've set up a preliminary site that allows people to find the connection (through people and articles) from any person to the most frequently mentioned person in the time frame I looked at.

This person is you.

Subject: Re: six degrees to harry lewis

Date: January 23, 2004

Can I see it before I say yes? It's all
  public information, but there is
  somehow a point at which aggregation of
  public information feels like an
  invasion of privacy.

Subject: Re: six degrees to harry lewis

Date: January 23, 2004

Can I see it before I say yes? It's all public information, but there is somehow a point at which aggregation of public information feels like an invasion of privacy.
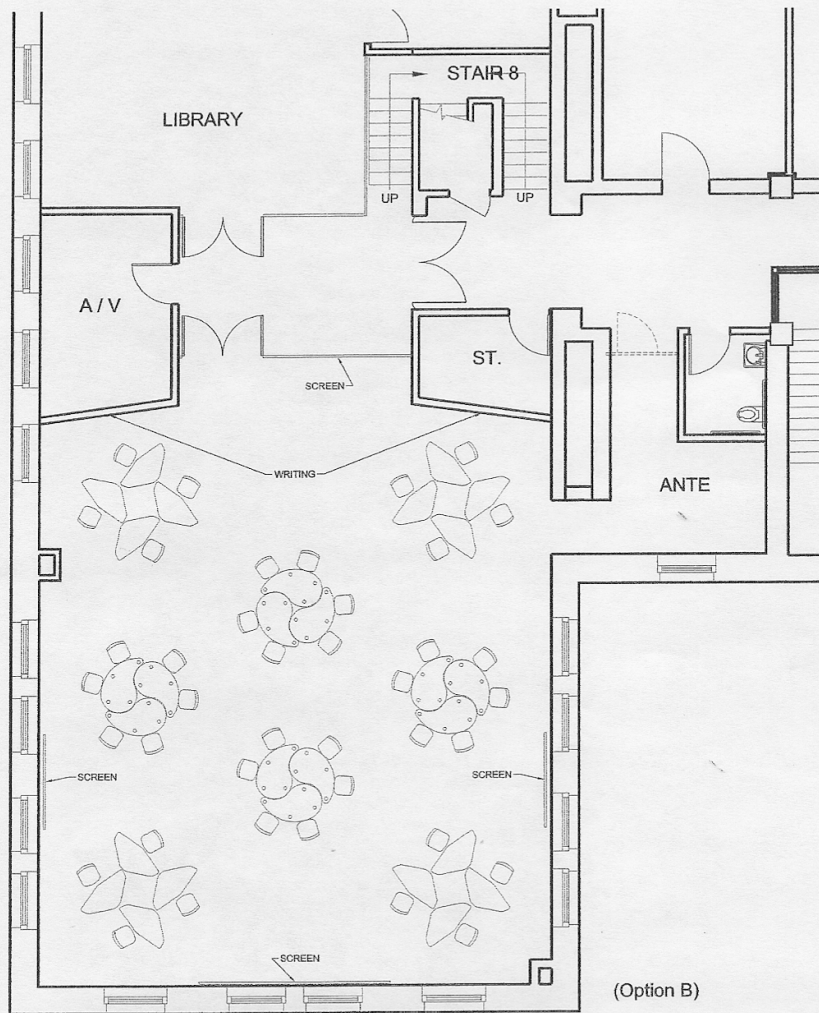
…

Sure, what the hell. Seems harmless.

LIBRARY

STAIR 8

UP   UP

A / V

SCREEN

ST.

WRITING

ANTE

SCREEN   SCREEN

SCREEN

(Option B)

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