MATH 10141

December 11, 2012

Technology-enhanced classroom teaching: Peer-to-peer learning for large cohorts

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"Is [redacted] to become a chief arm of education? Will the classroom be abolished, and the child of the future be stuffed with facts as he sits at home or even as he walks about the streets with his portable receiving-set in his pocket?

...A good mind … must be built, not stuffed. … [redacted], of course, faces squarely against this whole tide."

-- Bruce Bliven

"Is radio to become a chief arm of education? Will the classroom be abolished, and the child of the future be stuffed with facts as he sits at home or even as he walks about the streets with his portable receiving-set in his pocket?

...A good mind … must be built, not stuffed. … Radio, of course, faces squarely against this whole tide."

-- Bruce Bliven, 1924

“Big Breakthroughs Happen When What Is Suddenly Possible Meets What Is Desperately Necessary”

-- Thomas L. Friedman, New York Times, 15th May 2012

Outline

- What's necessary: Challenges posed by large lecture groups
- What's possible with eLearning technology: peer-to-peer learning
- Experiences with MATH10141 Probability 1

What's necessary: Challenges posed by large lecture groups

- Quality of feedback to students
- Diversity of the group - language, training
- Quality of feedback to lecturer

What's possible with eLearning technology: peer-to-peer learning

[redacted] Email Author

RE: QUESTION 4

Integrate the function over the whole range (from 10000 to infinity) and set it equal to 1. This will give you the value instantly, as you can consider -k/infinity to be equal to zero.

Hope this helps,
[redacted]

Anonymous

RE: QUESTION 4

So k is a really small number or equal to zero? surely if it is zero then the whole intergral would just its really small then i just get different variations of 1.1115 x10^y.

[redacted] Email Author

RE: QUESTION 4

When you substitute in for the limits, you can ignore one of the terms and then rearrange to get a value for k. k is actually a rather large number, as would be necessary to get anything meaningful from k/x^4, where x is o

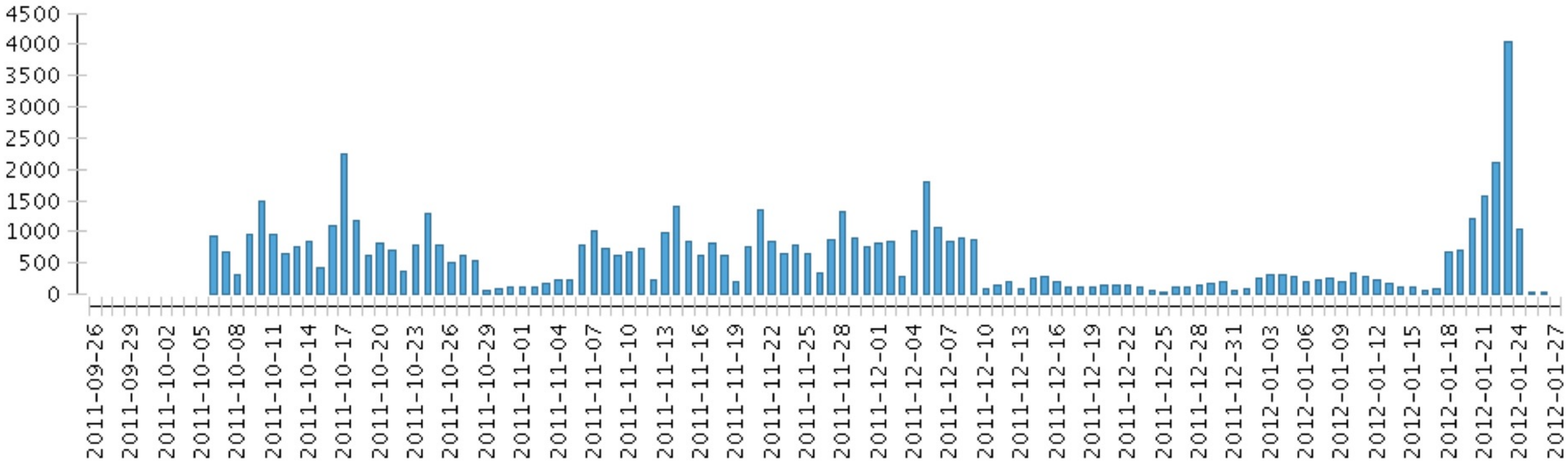
Hope this helps,
[redacted]

Anonymous

RE: QUESTION 4

Thanks [redacted] i got it now.

Experiences with MATH10141 Probability 1



Discussion board page views over time

'I am so interested in the discussion board. I must say that Chinese students are always shy to talk with local students or ask questions. Therefore, the discussion board not only helps this problem, but also gives a chance for them to help other classmates'

Zack, 11th November 2011