

BI-CO MATHEMATICS COLLOQUIUM

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“Coke and Pepsi and the Binomial Distribution”

Thursday, February 5, 2009

Talk at 4:15 pm – Park 338
Tea at 3:45 – Park 355, Math Lounge

Abstract:

Do you believe you could distinguish between Coke and Pepsi in a blind taste test? 11% of my Math 104 class claims they "could definitely tell the difference". In this simulated Math 104 class meeting, we design an experiment to test whether or not a person really can distinguish between Coke and Pepsi as well as she thinks she can. In the process we meet the binomial distribution.

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