

Cal Poly Department of Mathematics

Puzzle of the Week

Oct 8 - 14, 2010

From Tom O'Neil, and a follow-up to last week's problem:

In an urn there are R red balls and B blue balls. As it turns out if two balls are drawn simultaneously (and randomly) the likelihood that they are the same color is 50%. Characterize all possible values for R and B .

Solutions should be submitted to Morgan Sherman:

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before next Friday. Those with correct and complete solutions will have their names listed in next week's email announcement. Anybody is welcome to make a submission.