

# Cal Poly Department of Mathematics

## Puzzle of the Week

May 22 - 28, 2009

In the Cleveland Cavaliers' first game of the 2008-09 season we witnessed LeBron James make 4 out of his 8 free throw attempts, thus ending the game shooting 50% from the stripe. After the last game of the season LeBron finished with a season average of 78% of free thows made.

Question: In going from 50 to 78 percent must LeBron have averaged exactly 75% at some point in time after game 1 and by the end of the season?

*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.*