

Cal Poly Department of Mathematics

Puzzle of the Week

May 7-13, 2010

Calculate:

$$\prod_{n=2}^{\infty} \left(1 - \frac{1}{n^2}\right)$$

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.