

Cal Poly Department of Mathematics

Puzzle of the Week

Nov 1 - 7, 2012

From Jason Lee:

Find, with proof, all positive integers which *cannot* be written as the sum of two or more consecutive positive integers. [For example $12 = 3 + 4 + 5$ but there is no such representation for 4.]

Solutions should be submitted to Morgan Sherman:

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before next Thursday. Those with correct and complete solutions will have their names listed on the puzzle's web site (see below) as well as in next week's email announcement. Anybody is welcome to make a submission.

<http://www.calpoly.edu/~sherman1/puzzleoftheweek>