

Cal Poly Department of Mathematics

Puzzle of the Week

Feb 9-15, 2012

A polynomial has the form $p(x) = x^{2012} - 2000x^{2011} + \dots + 13$. If all of its roots are integers find them, listed with their multiplicities.

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>