

Cal Poly Department of Mathematics

Puzzle of the Week

April 18-24, 2013

Relayed from Bob Wolf:

Eight people sit at a circular table. They all stand up and sit in a new seat where the new seat is either their original seat, or adjacent to the original seat (on either side). In how many ways can they choose their new seats?

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>