

Cal Poly Department of Mathematics

Puzzle of the Week

Feb 19-25, 2010

Fred and Wilma host a dinner party with 4 other couples invited. Each person shakes hands with every other person which he or she has not met. Late in the evening Wilma asks everyone how many people he or she shook hands with and to her surprise each person gives a different answer. How many people did Fred shake hands with?

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.