

I U P U I
MATH CLUB TEASER #58

March 25, 2011
(due April 3, 2011)

- We know that Jeremy loves Agnes more than Greta, and Greta more than Teresa.
- But Agnes likes Alex more than George, and George more than Jeremy.
- Alas, George loves Greta more than Teresa, and Teresa more than Agnes.
- On the other hand, Teresa likes Jeremy better than Alex, and Alex better than George.
- And yet, Alex loves Teresa more than Agnes, and Agnes more than Greta.
- However, Greta likes Alex more than George, and she cannot stand Jeremy.

Can you pair them so no two people will decide to break up with their partners and run away together?

The IUPUI Math Club invites everybody to submit solutions to its weekly recreational mathematics problem. Interested individuals and teams of up to four participants can submit written solutions. At the end of the semester, prizes will be distributed among the IUPUI undergraduate teams that submit the most correct solutions. Solutions are due one week after each problem is posted, and should be faxed to (317) 274-3460, dropped off in person at LD 270, or sent by campus or U.S. mail to:

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