

## November 2007 M<sup>6</sup> Problem

Is it possible that in a group of 35 people each person knows exactly 11 others? Justify your answer.

**Solutions can be submitted starting from noon  
November 5 until midnight November 30, 2007 to Irina  
Kogan via e-mail [iakogan@ncsu.edu](mailto:iakogan@ncsu.edu)**