

## PROBLEM OF THE WEEK 6

Due Wednesday, October 17 at 5:00 pm

**Question.** Find all integer pairs  $(x, y)$  that satisfy the equation

$$\frac{x}{y+7} + \frac{y}{x+7} = 1.$$

- 
- All answers should be clearly explained. Submit it to the Math/Stat Office, AMB 107.
  - If your instructor gives you credit for POTW, write his/her name with the class number.
  - Contact Bahattin Yildiz with questions: bahattin.yildiz@nau.edu (AMB 134)