



## Problem of the Week

### Problem D

#### Four on the ION

On Tuesday afternoon, Fred, Gerlach, Hamza, and Iuliana got on the same ION light rail train at University of Waterloo station after their band practice. Each person was carrying a different instrument and each person got off at a different station. Using the clues below, determine what instrument each person was carrying, and in which order they got off the train.

- (1) Fred got off the train after Gerlach.
- (2) The person carrying the saxophone was *not* the first to get off the train.
- (3) The person who plays the guitar is *not* Iuliana.
- (4) The person with the tuba was the last to get off the train.
- (5) Fred is *not* the person who plays the tuba.
- (6) Iuliana got off the train before the person with the clarinet.

