

Problem 2: Soldiers in the Field

USMA D/Math Problem of the Week

Submission Deadline: 18 September, 2008 at 1600

Circle one: cadet faculty other

Problem Statement:

A lazy lieutenant has an odd number of enlisted soldiers in his command. He has them stationed in a field at unique positions, all of which are integer distances apart. After carefully designing where they will be, he tells each soldier to watch his nearest fellow soldier, and report if any suspicious activity occurs. When his superior officer hears of this, he gives the lieutenant a bad performance review. Why?