

Mathematics Teaching Seminar

Speaker: Gun Sunyeekhan

Title: Cramer's rule for solving linear systems

Date: Tuesday, March 6, 2007

Time: 4:45 – 5:35 pm

Room: 231 Hayes - Healy Hall

Moderator: Jianguo Cao

Abstract: Since there are no other questions on the homework and the material we discussed last class, we are going to begin a new topic in Math 20580.

Last time we learned how to compute determinants and discussed their properties. Today we will apply these properties for solving a linear system with n equations and n variables.

Let us begin with the following example where we have three equation and three unknowns and follow Cramer's rule for finding the solution.