

The Math News

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Faculty advisors: Asst. Prof. William N. Traves, Mathematics Department, Asst. Prof. Christopher W. Brown, Computer Science Department

Trident Scholars Make Presentations

Mathematics majors Ahlert and Zane were among 16 Trident Scholars making presentations at the 2003 Trident Scholar Conference last week.

From the program:

Midshipman First Class Matthew Joseph Ahlert

Multiresolutional Optic Flow

This study focused on developing a usable mathematical implementation for two of the various algorithms that have been proposed to compute optic flow.

Faculty advisors: Assoc. Prof. John F. Pierce and Prof. Reza Malek-Madani, Mathematics Department

Midshipman First Class David Lawrence Zane

Efficient Academic Scheduling at the U.S. Naval Academy

This project considered academic scheduling issues at the U.S. Naval Academy. The research focused on heuristic methods and generic algorithms to construct acceptable final exam schedules for a given academic semester and to facilitate modifications to students' course schedules within a registration period.

APRIL IS MATHEMATICS AWARENESS MONTH— ARE YOU MATHEMATICALLY AWARE?

MATHEMATICS SPRING FINAL EXAMS

SM121A	1:30 – 4:30, Friday, May 2
SM122, SM122A	7:55-10:55, Tuesday, May 6
SM162	1:30 – 4:30, Friday, May 2
SM212, SM212P	1:30 – 4:30, Thursday, May 1
SM221, SM221S	1:30 – 4:30, Tuesday, April 29
SM230	1:30 – 4:30, Tuesday, April 29
SM239	7:55-10:55, Wednesday, May 7

Last issue's problem solution (Suppose you have 31 1" x 2" dominoes and an 8" x 8" checkerboard. Can you place the dominoes on the board so as to cover all but two diagonally opposite corner squares?) No. Diagonally opposite squares on a checkerboard are the same color, so removing opposite corners means one color square occurs more often than the other. But a domino always covers one square of each color.

Calculus II Students:

Don't sell your calculus book!

Calculus III uses the same textbook.

Visit the Mathematics Department web site at <http://www.usna.edu/MathDept/website/index.htm>

Another interesting site:

<http://www.mathsci.appstate.edu/~sjg/simpsonsmath/>