

Department of Mathematics and Computer Science Newsletter



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<http://www.cs.gasou.edu/newsletter/>

Professional News

Dr. Lila Roberts was co-presenter of 'Demos with Positive Impact' with David Hill from Temple University at the 11th International Conference on Technology in Collegiate Mathematics on November 21, 1998, in New Orleans, Louisiana. She also presented 'Group Projects for Differential Equations' at the conference.

As part of the *Focus on Excellence Series*, **Dr. Lila Roberts** presented 'Moving Beyond Concept Definition: Issues, Examples, Experiences' on November 17.

Martha L. Abell and **James P. Braselton** have published their book "Maple V By Example, Second Edition (Academic Press 1999), with CD containing Maple notebooks.

Martha Abell, Jim Braselton, Pat Humphrey, Arthur Sparks, and David Stone submitted a grant proposal to the National Science Foundation. The purpose of the proposed project is to establish a new journal, titled *The Georgia Mathematics Journal*, which would provide the opportunity for faculty development by offering a

forum for mathematics faculty to disseminate their suggestions and insights. Articles in the journal would address a wide range of mathematics courses and topics.

Gale Watson has been invited to present a session at the West Virginia Council of Teachers of Mathematics Annual Meeting in March. She also has plans to go (her proposal to speak was accepted) at the NCTM [National Council of Teachers of Mathematics] in San Francisco in April.

Announcements

The Editor would like to remind you to check out our department's homepage from time to time. **Scott Street** is doing a fine job keeping up on current information and useful links. He has just added the link to Georgia Southern University's Catalog at http://www2.gasou.edu/registrar/1998-99_catalog.html.

Math Tournament Committee announces the Eleventh Annual Math Tournament on FEBRUARY 6, 1999. For you new faculty members, this is an event in which everyone participates. You will be receiving additional information in the very near future, so be on the look-out! Preliminary indications are that interest is as high as ever. It will be a fun day!

Arthur Sparks represented the Math/CSC Department at a Georgia Southern University Recruiting Reception held November 4, 1998 in Savannah at the Mighty 8th Museum. Prospective students and their families met with various representatives and asked questions in their area(s) of interest.

Campus Committees

Here are the results of the COST Committee Elections:

Scholarship Award Committee

Yingkang Hu

Service Award Committee

Sharon Barrs

Teaching Award Committee

Donna Saye

Personal News

Mark Aulick having earned an FCC "Technician" class amateur radio license in October 1996, upgraded to "Technician Plus" class in December by passing a 5 words per minute Morse code test. This license gives Mark additional privileges to communicate by voice in the 10-meter ham band and by Morse code in several other bands. Since he has already passed a "General" class written test, Mark only needs to pass another Morse code test at 13 words per minute to upgrade to General class. To celebrate this, Mark and his brother (along with much help from members of the Statesboro Amateur Radio Society) erected a 50-foot antenna tower next to his house, and placed both 2-meter and 10-meter band antennas on it. He has already used these antennas to communicate with people outside the United States!!

Keith and Sharon Barrs have a new address and phone number: 1114 Bartlett Drive, Statesboro, GA 30461, 489-2065. Keith and Sharon also want to let everyone know that they are expecting a baby around August 1st.

Debbie Evans' daughter, Nicole Schrag, graduated from college on Dec. 18, Magna Cum Laude, with a Bachelor of Science in Medical Technology. (Nicole will point out very quickly that this does not mean she is a medical lab technician!!!!) She will finally be living full time with her husband of a year and a half in Fayetteville, NC, for 6 months, and then they will be moving to Alaska for 3 years. (Lots of crocodile tears for Debbie.)

Angel Rowe is getting married on May 29, 1999 to Howard Mortan Abney "Ham".

January Birthdays

| | |
|---------------|----|
| Gail Mackin | 11 |
| Cynthia Sikes | 13 |

January Problem of the Month

Submitted by
Bill Meisel

After taking a break last month for the holidays, I am back with a new problem. Find all ordered pairs (x, y) that are solutions to the following system:

$$\begin{aligned}yx^3 - (y^3 - 3y - 1)x + y &= 0 \\x^2 - y^2 + 3 &= 0\end{aligned}$$

I am in particular interested in the slickest solution. As always, you may only use technology to verify your answer. Send solutions directly to me at wmm@gsvms2.cc.gasou.edu.

Coming in February...

Don't forget that the Math Tournament is coming up next month. The date is Saturday, February 6. More information on the tournament is available at <http://www.cs.gasou.edu/>. You'll be receiving more info in your box soon.