*The essence of mathematics is not to
make simple things complicated, but to
make complicated things simple.*
— Stanley Gudder

Parabola Talk

Undergraduate math major Holly Luttrell will present the last Parabola Talk this semester on April 6. Holly's talk is entitled *Applications of Number Theory to Cryptography.*

Refreshments will be served at 3:00 p.m. in WSH 171 and the talk will begin at 3:30 p.m. in WSH 145.

Freeman Dyson Visit

The Honors Day Convocation speaker this year will be Freeman Dyson, a distinguished theoretical physicist from The Institute for Advanced Study. Professor Dyson's Convocation address is entitled *The Scientist as Rebel,* and will be given at 11:00 a.m. on April 15 in Ed Landreth Auditorium. In addition, he will present an evening address sponsored by Sigma Xi and Phi Beta Kappa entitled *Revolutions in Astronomy: Past and Present.* This talk will be given at 7:30 p.m. on April 14 in the Student Center Ballroom. Both of Professor Dyson's talks should be of particular interest to students of mathematics.

Integration Bee

The TCU Mathematics Department will host its annual Integration Bee on April 20, 1993. Refreshments will be served at 3:30 p.m. in WSH 171 and the competition will begin at 4:00 p.m. in WSH 145. All undergraduate students at TCU are eligible to participate. The cash prizes awarded will be $50 for 1st place, $25 for 2nd place, and $15 for 3rd place. Last year's winner was Shawn Gay, who is currently a junior physics major.

If you are interested in participating in the Integration Bee, please sign up ahead of time in the Math Department Office (WSH 112).

Parabola Picnic

The annual Parabola Picnic will be held on Saturday, May 1 at the home of Dr. Rhonda Hatcher and Dr. George Gilbert at 4204 Harlanwood Drive. The picnic will begin at 1 p.m.

All undergraduate mathematics students and faculty are invited to come. A sign-up sheet and maps to the picnic are in the Math Department Office.

Problem of the Month

Ten (not necessarily all different) integers have the property that if all but one of them are added, the nine possible results are: 82, 83, 84, 85, 87, 89, 90, 91, 92. What are the ten integers?

Students and others are invited to submit solutions to Dr. George Gilbert (Math Dept. Office or P.O. 32903). Correct solutions submitted by persons who are not members of the TCU math faculty will be acknowledged in the next issue of the newsletter. Any *incorrect* solutions submitted by the math faculty will be given special notice. Note that a correct solution is an answer and a justification of its correctness. The solution to the problem will be published in the next edition of the newsletter.