

math news

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Poetic Justice

The limerick we've been contemplating since last year

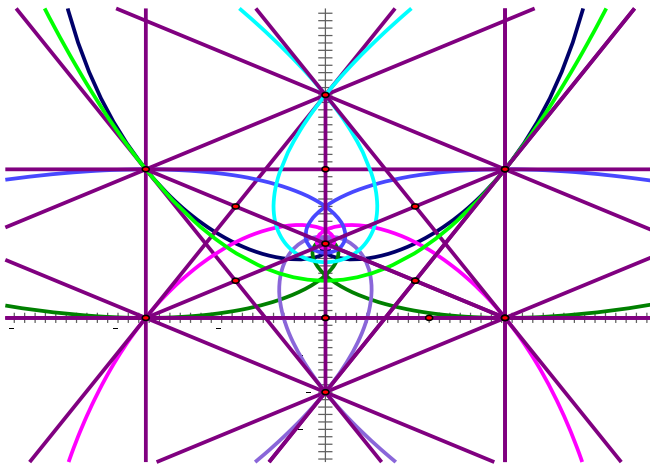
$$\int_1^{\sqrt[3]{3}} z^2 dz \times \cos \frac{3\pi}{9} = \ln(\sqrt[3]{e})$$

can be read as follows.

The integral zee squared dee zee
From one to the cube root of three
Times the cosine
Of three pi over nine
Is the log of the cube root of e.

"Hexagram" Loci

Start with 2 points in a plane. The locus of all points equidistant from the two points is of course a line, the perpendicular bisector. Pick one point as a fixed reference focal point, for the following iteration. The locus of all points equidistant from the focal point and the line is of course a parabola, with the line being the directrix. Now we keep going. Determine the locus of all points equidistant from the focus and the parabola. Keep iterating. A hexagram appears! For a larger, color version, see MATH NEWS on the department's website.



KME Corner

Our local chapter of KME will meet Wednesday, February 27 at 5:00 – 6:00 in Room 223, including new members to plan for the Induction Ceremony scheduled for Sunday, March 3 at 2:00 in CCIT 156.

KME Corner ... Continued

Kappa Mu Epsilon's 2019 National Convention will be hosted by the Department of Mathematics and FSU's Maryland Delta Chapter. Kappa Mu Epsilon (KME) is a national mathematics honorary society which was founded in 1931 with its chief goal being the promotion of interest in mathematics among undergraduate students. FSU's Maryland Delta Chapter of KME was founded in 1978 and through the years over 500 people have become members. This will be FSU's first time to host KME's National Convention which is held either annually or biannually. The convention will begin with a mixer the evening of Thursday, April 11. Student presentations and faculty workshops will be held on Friday and Saturday (April 12 and 13). For more information please contact Dr. Hughes (CCIT 244F).

The Honor of Your Presence is Requested

Here's the upcoming schedule for the Dead Poets Society.

Feb 22	Puzzles
Mar 01	Board Games
Mar 08	Puzzles
Mar 15	Rockband
Mar 22	Spring Break, so no DPS
Mar 29	Puzzles
Apr 05	Board Games
Apr 12	Puzzles
Apr 19	Rockband
Apr 26	Puzzles
May 03	Board Games
May 10	Puzzles

Fall 2019 Course Offerings

Math 236.001	MTRF 8:00-8:50	Revennaugh
Math 236.002	MTRF 11:00-11:50	Horacek
Math 236.003	MTRF 2:00-2:50	Horacek
Math 237.001	MTRF 2:00-2:50	Barnet
Math 237.002	MTRF 11:00-11:50	Forsythe
Math 238.001	MTRF 11:00-11:50	Barnet
Math 315.001	TR 3:30-4:45	Dunmyre
Math 350.001	MWF 1:00-1:50	Dunmyre
Math 432.001	MWF 10:00-10:50	Barnet
Math 451.001	TR 2:00-3:15	Forsythe
Math 461.001	MW 3:00-4:15	Hughes
Math 491.001	TR 3:30-4:45	Hughes
Math 680.001	MWF 9:00-9:50	Revennaugh

Thoughts for Thinking

"Mathematics is the music of reason."	~ J. Sylvester
"God used beautiful mathematics in creating the world."	~ P. Dirac
"The essence of mathematics lies in its freedom."	~ G. Cantor