

Happy Valentine's Day

From sender...

February 14th 2017



I love maths.

The heart on the cover page is based on the polar equation

$$r(\theta) = 2 - 2 \sin \theta + \sin \theta \left(\frac{|\cos \theta|^{1/2}}{\sin \theta + 1.4} \right)$$

plotted in Latex using the pgfplots and tikz packages. See <http://mathworld.wolfram.com/HeartCurve.html> for discussion about heart-shaped curves, from which the above example was taken.