

# Math Club

## Gauss Quadrature Rules!!

Mike Brown, UW-L

Gauss Quadrature rules are among the best known methods of numerical integration. The main topics of this discussion will be a motivation for the method of Gauss Quadrature using the Trapezoidal and Simpson's rules, orthogonal polynomials -- a topic which is integral (no pun intended) to the method of Gauss Quadrature-- and the method of Gauss Quadrature itself."

Thursday April 30<sup>th</sup>

4 - 5 PM

47 Cowley Hall

**There will be cookies and soda served!**

**Next week: Bowling 4 Primes!**