

16-1750 Shameless Mathematica on Monday Jan 25, Week 3-1: More Fibonacci algorithms

January 20, 2016 5:21 PM

Candies for Lennart, Hareem, Jonathan, Yuan.

Mathematica Licenses - submit reimbursement forms!

Math topics from students.

@Fields: Wolfram public lecture, Feb 2, http://www.fields.utoronto.ca/programs/scientific/15-16/public_lectures/

Workshop: Feb 3-5.

Class Photo.

Further Fibonacci programs:

1. Nest. (view docs!)
2. Solve for the explicit formula using Apart. (view docs!)
3. Solve for the explicit formula by postulating a sum of two geometric sequences.
4. MatrixPower.
5. $f(2n)=f(n)^2+f(n-1)^2$, $f(2n+1)=f(n)(f(n+1)+f(n-1))$. (With timing)
6. Categorified version.