

## Math/CS 323: Cryptography

### Questionnaire

#### **Pi hiding in prime regularities**

1. What's a Gaussian prime?
2. What is  $\chi$ ?

#### **Aaron Numbers**

3. At some point Carl Pomerance says "you know that's perverse, but let's do it." What is he referring to?
4. What is a Ruth-Aaron pair?

#### **Why I fell in love with monster primes?**

5. Who is the master of us all?
6. What is the current largest known prime (at the time of the video)?

#### **33 and 42**

7. What is the difficulty with finding three cubes that add up to 33 or 42?
8. What numbers are left to check below 1000?

#### **RSA-129**

9. Who is the person in the video?
10. What are they trying to factor?