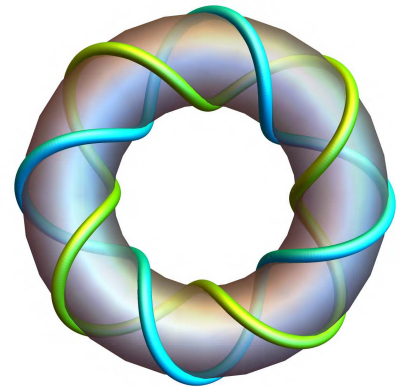


PUNDiT: (P)racticum for (Und)ergraduates (i)n Number (T)heory

October 21-22, 2023



Scientific Overview

“PUNDiT: (P)racticum for (Und)ergraduates (i)n Number (T)heory” is a 2-day intensive program which will showcase number theory broadly interpreted at the introductory level. A goal of this program is to expose Southern California students traditionally underrepresented in number theory (such as women and historically marginalized minorities) to the beauty of the subject.

The Practicum is introductory in nature and no prior number theory coursework will be assumed. Students should be familiar with Calculus and Linear Algebra, although this is not required. The Practicum is designed for students who have completed minimal coursework in upper-division mathematics courses.

PUNDiT will take place on Saturday October 21 and Sunday October 22, 2023, and will feature:

- **Tutorials:** Two faculty members will rotate to give three lectures over two days to introduce topics in Number Theory.
- **Problem Sessions:** Two graduate students will coordinate a series of three hour-long group-work sessions where students will work on problems meant to supplement the tutorials.
- **Expository Talks:** Four experts in number theory will give one-hour introductory presentations on various topics.
- **Professional Development:** The organizers will lead two workshops on REUs, CVs, asking for letters of recommendation, etc.

There is no registration cost associated with this program.

Organizers

Edray Goins (Pomona College)
Haydee Lindo (Harvey Mudd College)

Speakers and TAs

Tutorial Speakers: Edray Goins (Pomona College), Haydee Lindo (Harvey Mudd College).

Expository Speakers: Tony Varilly-Alvarado (Rice University), Cris Negrón (University of Southern California), Rosa Orellana (Dartmouth College), Lori Watson (Trinity College)

Graduate TAs: Olivia Del Guercio (Rice University), Fabian Ramirez (UC Irvine)

