

Spring 2021 Directed Reading Program Student Talks

Friday, April 16, 5:30-7:00pm
Saturday, April 17, 5:30-7:00pm
Via Zoom

The Ohio State University, Columbus, Ohio

Friday April 16, 2021

“Discrete time models”
Natenon Tongtae (Mentor: Katelynn Huneycutt)

“It’s all fun and games until someone uses theory”
Amy Muhlenkamp (Mentor: John Hynes)

“Eulerian and Hamiltonian paths and cycles in graphs”
Xiaoyan Liu (Mentor: Nik Henderson)

“The Einstein-Hilbert Functional and the Einstein Field Equations”
Maverick Huang (Mentor: Ivo Terek Couto)

Saturday April 17, 2021

“The first look of regular polytopes”
Ruohan Zheng (Mentor: Kacey Clark)

“The RSA encryption method”
Michael Pratt (Mentor: Francisco Martinez Figueroa)

“Introduction to the Betti Number of simplicial complexes”
Daiyuan Li (Mentor: Kyle Binder)

Directed Reading Program Organizing Committee

Ben Call
Paul Duncan
Minyoung Jeon
Jimin Kim
Scott Newton

The DRP Committee would like to thank all of the graduate student mentors for their work with their undergraduate students this semester. We would also like to thank the DRP’s advisor, Dr. Dan Thompson, as well as the OSU Math Department for providing funding for this program. Any graduate student who would like to serve on the committee may talk to a current committee member. Any graduate or undergraduate students wishing to participate in the program in the spring may apply by visiting go.osu.edu/drp at the beginning of next semester.