



Winter 2019

Directed Reading Program Symposium

Wednesday, March 13 5:00-8:00pm

University of California, Santa Cruz

McHenry 4130

“Shor’s Algorithm”

Sahar Ahmadi (Mentor: Alec Dektor)

“Applied Mathematics in Neural Networks”

Nick Rezaee (Mentor: Ryan Drury)

“Principal Component Analysis”

Nicholas Beber (Mentor: Suzana Milea)

“The Fundamental Group”

Henry Slayer (Mentor: Nathan Marianovsky)

Break for Dinner

“A Little Morse Theory”

Sandra Nair (Mentor: Elijah Fender)

“Modular Forms”

Mercedes Zepeda (Mentor: John McHugh)

“Computation of Lyapunov Exponents on Stiefel Manifolds”

Bryan Garcia (Mentor: Kenneth Caluya)

“Modeling Positive-Feedback Loop Protein Transcription Using a Bifurcation Diagram”

Han Chen (Mentor: Tenavi Nakamura-Zimmerer)

Thanks all of the graduate student mentors for their work with undergraduates this quarter!