Directed Reading Program Colloquium

University of Iowa, Muhly Lounge

December 5, 2019 at 6:00 P.M.

Integer Programming and Sudoku
  Ben Renkly
  Sara Reed

Numerical Partitions
  Max Herrmann
  Praneel Samanta

Application of Diffusion Maps to Mapping Large Data
  Abdul-Rahman Shiwoku
  Pake Melland

Topology and Applications to Neuroscience
  Taylor DeMello
  Roman Aranda

Pascal’s Triangle and Young Tableaux
  Nyah Davis
  Anup Poudel

Deep Learning and Neural Networks
  Carolina Matuk
  Hassan Rafique

Differential Geometry of Curves and Surfaces
  Salvatore Quade and Cole Dorman
  Ethan Rooke

Symmetries of the Five Platonic Solids
  Kayla Gibson
  Shantanu Agarwal

Knot Theory
  Ethan Bennett
  Elaina Aceves

Thank you to all students who participated in the Directed Reading Program this semester.