# Student Research Talks (StReeTs)
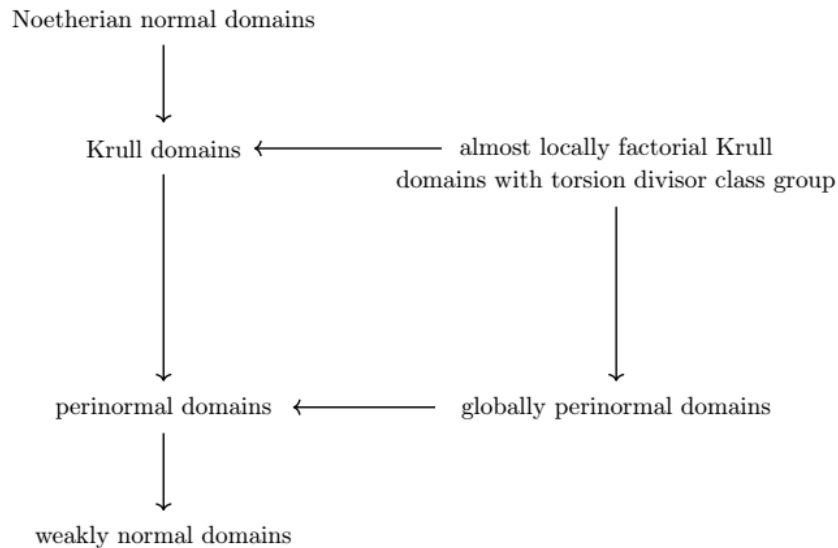
**Department of Mathematics, George Mason University**

# Introduction to Globally Perinormal Domains

**Hannah Klawa**
George Mason University

## Abstract

In 2016, George Mason University affiliated mathematicians Neil Epstein and Jay Shapiro introduced the concept of perinormality and global perinormality for integral domains. An integral domain $R$ is globally perinormal (resp. perinormal) if every going-down overring (resp. every local going-down overring) is a localization of $R$. Perinormality is close to normality but little has been established for globally perinormal domains. We provide an introduction to global perinormality and discuss some results for globally perinormal domains. No prior knowledge of commutative algebra is assumed.

Date: Friday, October 9, 2020
Time: 2:30pm–3:20pm
Place: See https://streets-gmu.wikidot.com/ for zoom link