Sam Houston State University

PUBLIC DEFENSE ANNOUNCEMENT

Andrew J. Warren

Thesis Defense
College of Science
Engineering Technology
Department of
Mathematics and
Statistics
MS Mathematics

ON THE CATENARY DEGREE OF A NUMERICAL MONOID OF EMBEDDING DIMENSION THREE

It is known that the sequence of catenary degrees of the elements in a numerical monoid is eventually periodic. This study investigates the catenary degrees achieved by the elements in a numerical monoid of embedding dimension three. Furthermore, we establish bounds for the period length and the start of the periodic behavior of the catenary sequence.

Event Information
March 29, 2023
1:00pm
LDB Room 400

Committee Members
Dr. Scott Chapman
Dr. Rebecca Garcia
Dr. Supun Samarakoon