

Algebra Seminar

Title: Inverse Topology on $\text{Min}(L)$, for an M-Frame L – Part 2

Speaker: Dr. Papiya Bhattacharjee

Time and Venue: 2/8/2023 at 4 pm, in SE 215.

Abstract: We start with an algebraic frame L with FIP (M-Frame) and look at the minimal prime elements of L , denoted by $\text{Min}(L)$. We can endow $\text{Min}(L)$ with the hull-kernel topology and the inverse topology, and then investigate various topological properties of the spaces. In this talk the speaker will introduce the concepts of a frame and its elements, describe the topologies on $\text{Min}(L)$, and state the known results on the topological properties of $\text{Min}(L)$. There are some open questions about the inverse topology on $\text{Min}(L)$ that are being investigated by the speaker. The speaker will present the current findings on the inverse topology and prove results related to them.