



Texas State Topology Seminar

Tuesday, 2017, September 12, 12:30-1:50 p.m., in ENC (HPB) 143

Speaker: Tim Chase

Topic: *A study on Monotonically Metacompact and Property (A) ((B))*

ABSTRACT

This is the first of two or three talks discussing the pre-print "A study on Monotonically Metacompact and Property (A) ((B))" by L. Peng and L. Wang. These properties were introduced by Chase and Gruenhagen in 2016. The paper being presented discusses the properties of these properties.

For example, if X is a GO (General Order) space, then X has property (A) ((B)) if and only if the closed linearly ordered extension X^* of X has property (A) ((B)). If X is a scattered GO-space which satisfies property (B), then X is monotonically metacompact. If L is a monotonically metacompact GO space, and Y is a convex subspace of L , then Y is monotonically metacompact.