

Modern methods of constructing the Knaster continuum

Julia Ścisłowska

During my talk I will discuss and compare modern limit-like constructions of building compacta: projective Fraïssé limits and the spectrum of an ω -poset. Those tools can be used to study interesting properties of topological spaces (e.g. homogeneity) and their homeomorphism groups (such as existence of dense conjugacy classes).

It is known that every compact metrizable space can be obtained using those constructions, but I will present those methods on a specific example - the Knaster continuum. In particular, I will discuss how to obtain the Knaster continuum as a spectrum of an ω -poset.