

Abstract :- In this talk we will discuss the automorphism groups of some countable infinite structures, such as the natural numbers (as an unstructured set), the rationals (as an ordered set), the random graph and so on. We'll start by defining these objects and discussing some of their properties. Subsequently, we will consider the structures of a typical elements in the senses of category and measure. Finally, we'll discuss the algebraic properties of subgroups generated by typical sets of elements and how to generate dense subgroups.