

# Dynamics of Conjunctive Boolean Networks

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**Abstract:** In the last talk we introduced Boolean networks (BN) as qualitative models of gene networks. In this talk we will explore how tools from graph theory and combinatorics can be used to study the dynamics of conjunctive Boolean networks (also known as AND BN). We will focus on finding steady states and periodic orbits. This talk will be more technical, but examples of definitions/theorems will be provided.