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TITLE: Folk Theorems for Multi-Agent Systems

The Nash Folk Theorems are a collection of related results that characterise the Nash equilibria that can be sustained in repeated games. As the name suggests, the Folk Theorems are technically simple, but this simplicity belies the fact that they are of enormous significance. For example, it has been argued that they provide answers to fundamental questions relating to the structure and behaviour of human societies. In this talk, I will introduce the Folk Theorems, and then show how they can be applied in the context of multi-agent systems, to understand the equilibria that can be obtained in such systems.