Multiagent RL

Michael Bowling







What is Militagent RL about? What is the (or a) Scientific quertion? Alpha Go

Economics Should?

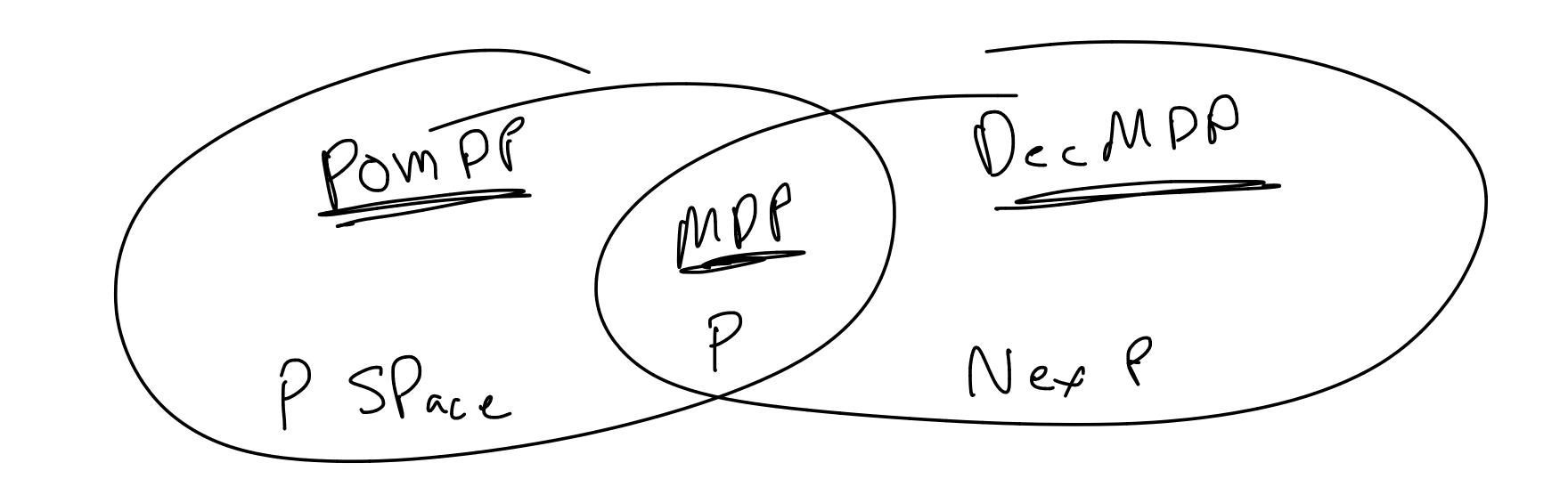
behoviour?

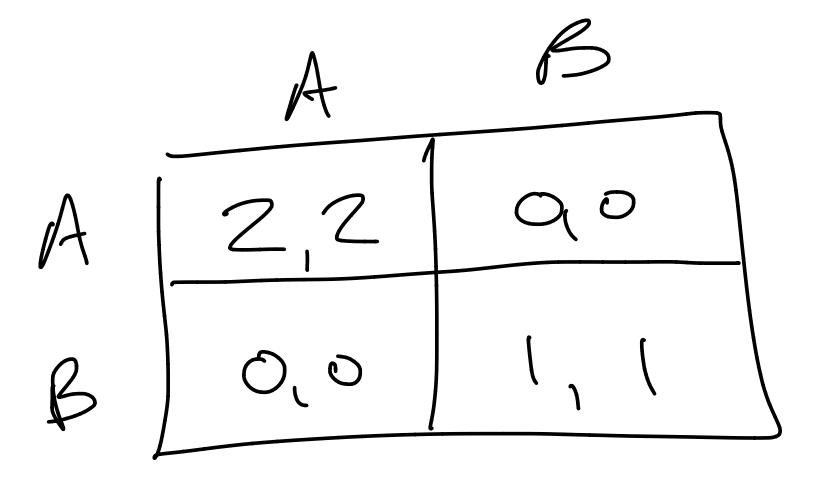
And does rounds

Agents behaviour influence, each other Hernts acknowleging)
other agents PBT Collaboration/Competition













MDP

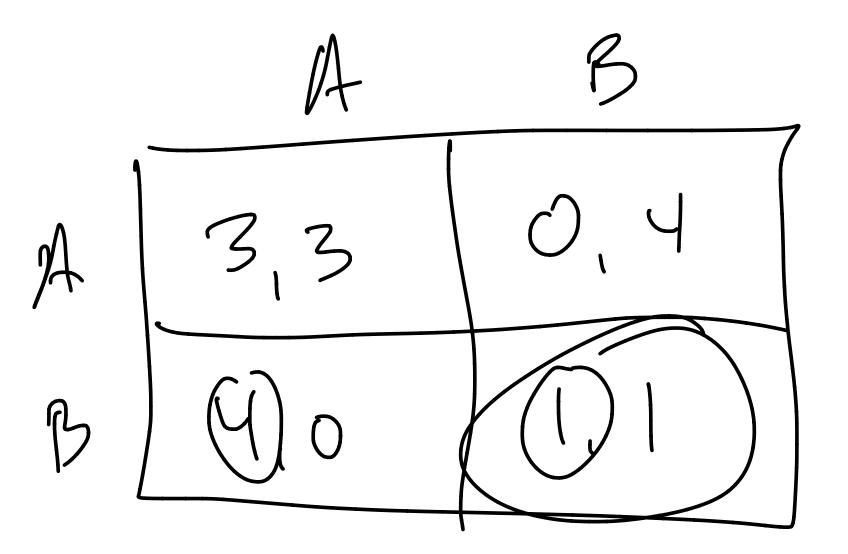
argmax VT(s)

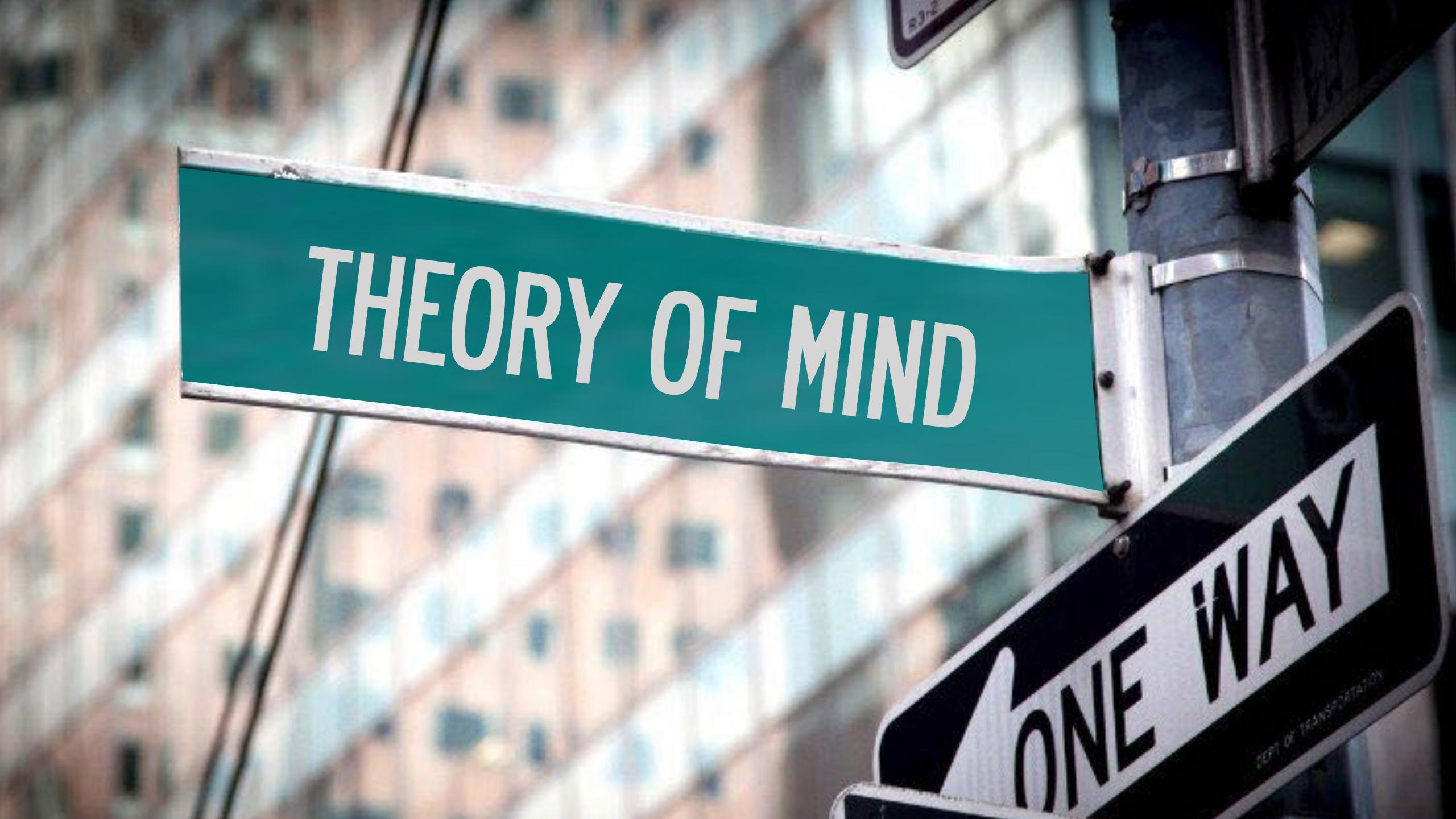
two-ployer Zero-sum

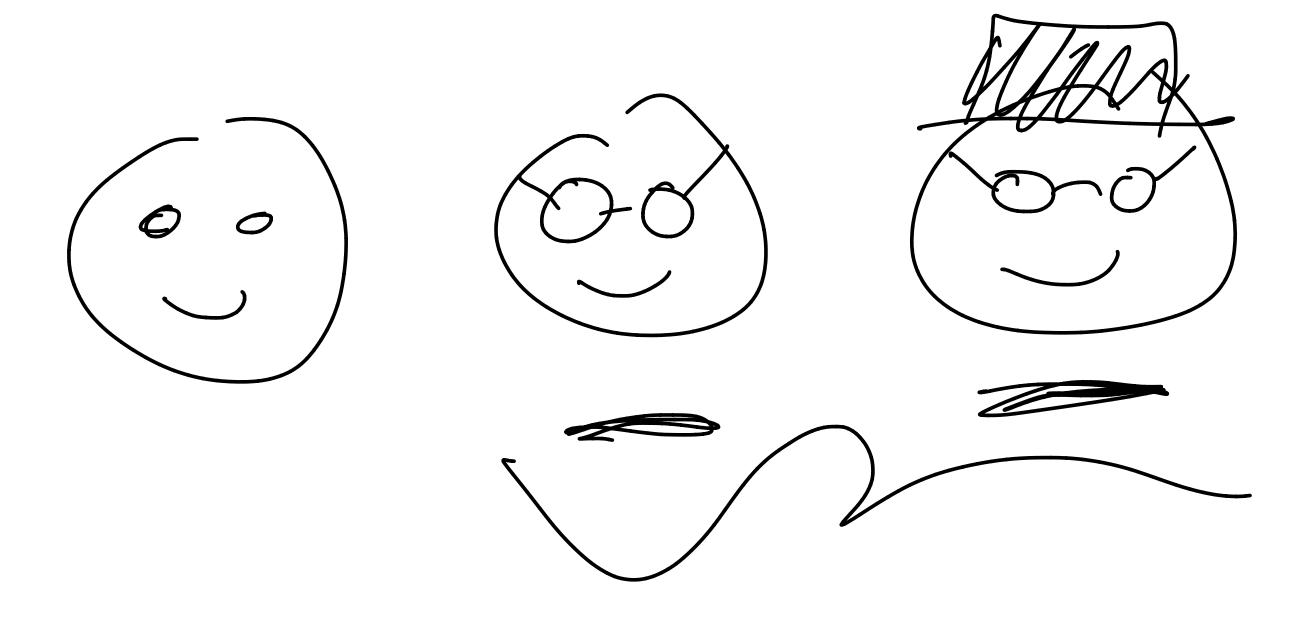
argmex min VTI; TI-i (s) cl(TI-i) TT-i
TTieTT TT-i

 $\forall i \ \forall i \ \forall i' \ \forall i' \ (s) \geq \forall i' \ (s)$

Nush Equilibria







Theory of mind is the ability to attribute mental states—beliefs, intents, desires, emotions, knowledge, etc.—to oneself, and to others, and to understand that others have beliefs, desires, intentions, and perspectives that are different from one's own.

Wikipedia

