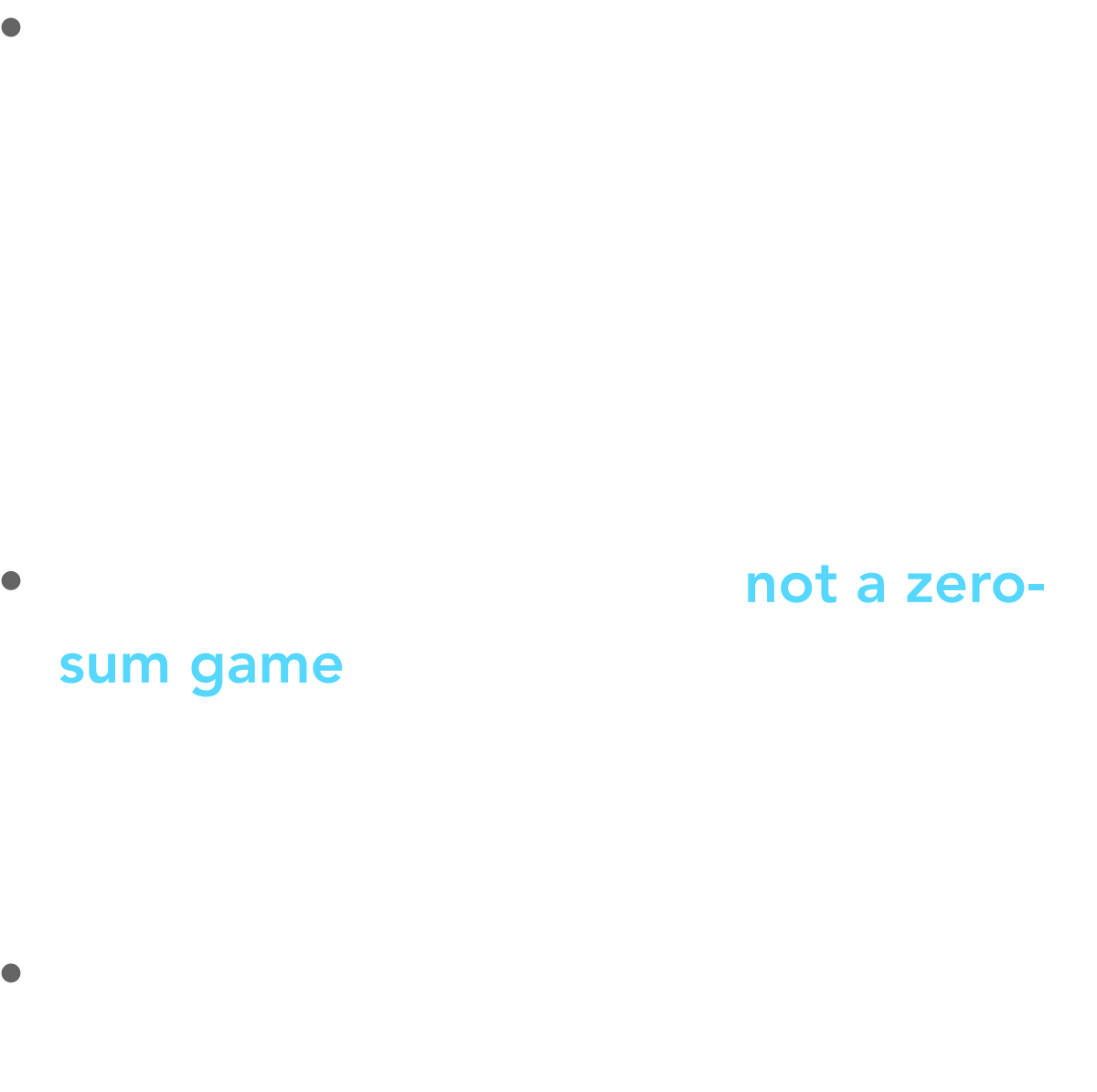


PRISONERS' DILEMMA

NASH EQUILIBRIUM

Both Adam and David confess





sum game

not a zero-

Suspect 1

Should I confess?

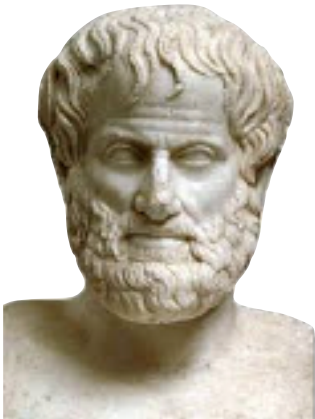


## Prisoner's Dilemma

Suspect 2

Has he confessed?

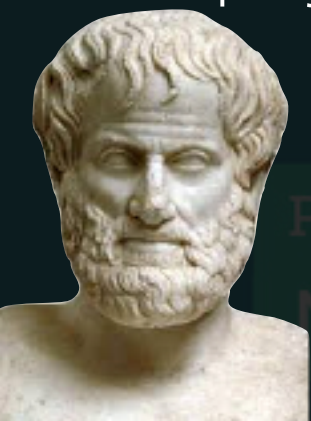
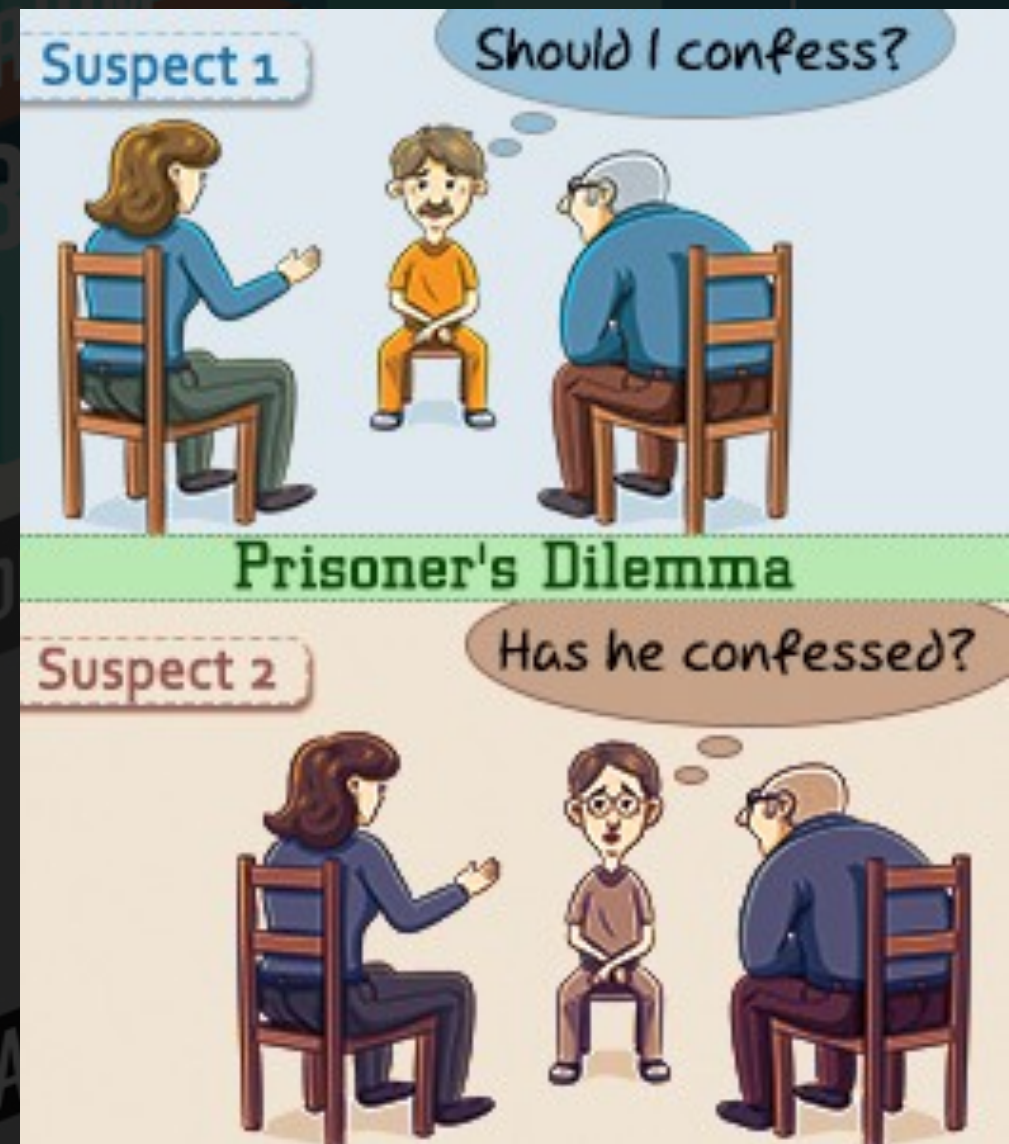






# PRISONER'S DILEMMA

- When it comes to determining strategy if you are one of the two prisoners involved in this dilemma, it's not as simple as a game like chess, where you assume that your opponent makes the worst possible move for you.
- The prisoner's dilemma is **not a zero-sum game**: by cooperating, both prisoners can win more than if they both refuse to cooperate.
- It's not safe to assume that the other player is out to get you.







PRISONERS' DILEMMA

NASH EQUILIBRIUM

Both Adam and David confess

# PRISONER'S DILEMMA

	 cooperate	 defect
 cooperate	1 1	0 3
 defect	3 0	2 2

PRISONERS' DILEMMA

NASH EQUILIBRIUM



Both Adam and David confess