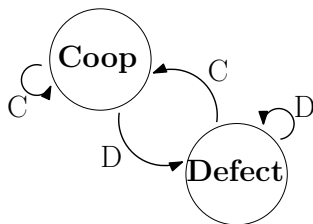


Machines as Strategies

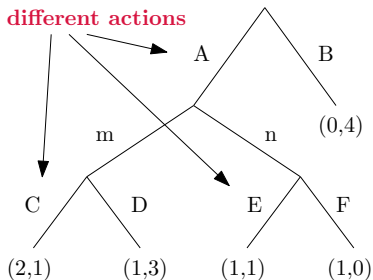
	Coop	Defect
C	(1,1)	(0,5)
D	(5,0)	(3,3)

Prisoner's Dilemma

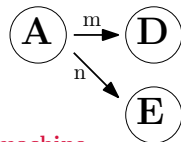


Tit-For-Tat

Generalization



valid machine



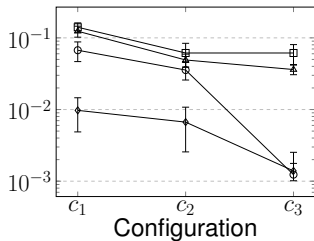
invalid machine



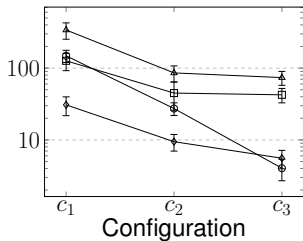
Main Results

- RI:** *For every pure strategy there exists a canonical machine representing it.*
- RII:** *Minimizing size of a machine and verifying its consistency is a polynomial problem.*
- RIII:** *Computing SSE / MAXPAY-EFCE in a restriction induced by a small class of machine strategies is a polynomial problem.*

Experimental Evaluation



Deviations



Speedups