Nikoleta Glynatsi

2016-02-11

Who am I?

Who am 1?







What do I do?

What do I do?

Research

- ► Game Theory
- Axelrod
- ► Machine

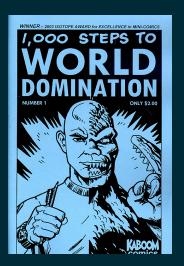
Groups

- ► PyDiff
- ► S.W.O.R.D.S.
- ► PyCon UK
- ► OR Club?!

Tutoring

- ► Computing
- ► Operational Research
- Statistics

My Plans



Fingerprinting: Visualization and Automatic Analysis of Prisoner's Dilemma Strategies

Daniel Ashlock and Eun-Youn Kim

Abstract—Fingerprinting is a technique for generating a representation-independent functional signature for a gent laying agent. Fingerprints can be used to compare agents across repringent of the property of the property of the property of the developed for software agents that play the iterated prisoner's dillemma. Examples of the technique for computing fingerprints are given. This paper summarizes past results and introduces strategies that are represented as finite-state machines must be a finite-state representation and which does not have a rational functional function is given: the majority strategy, it is shown integerprint function is given: the majority strategy, it is shown that the formation of the property of the property of the title-ortat fingerprint by a simple substitution. Fingerprints for fune new new transfers are introduced onesestaline nor-

Fig. 1. (1) The payoff matrix for prisoner's dilemma used in this study—scores are camed by strategy S based on its actions and those of its opponent \mathcal{P} . (2) A payoff matrix of the general two player game—C, T, S, and D are scores given for the game as well.

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- ► Encourage SSI in my research community
- ► PyCon Namibia

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- ► PyCon UK (including Django girls workshop)

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- ► PyCon UK (including Django girls workshop)
- Workshops on Game Theory
- ► Encourage students

@NikoletaGlyn https://github.com/Nikoleta-v3 https://github.com/Axelrod-Python/Axelrod	