

Msc Project Proposals 2002-2003

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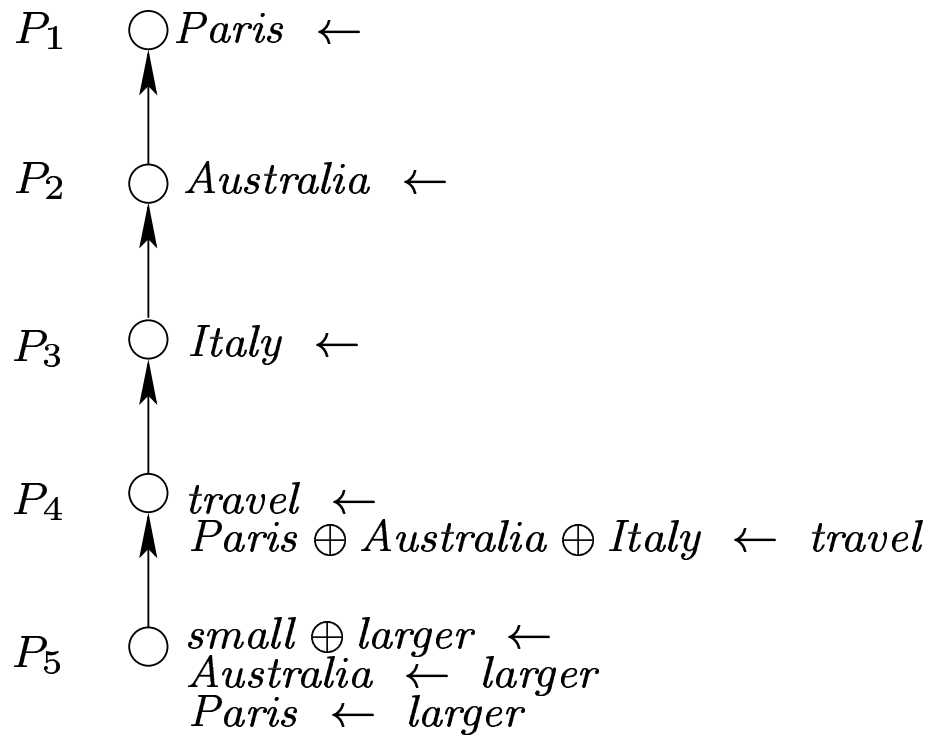
Lecturer

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Content

- Research
 - Logic Programming
 - Game Theory
- Software Frameworks
- Project Titles

OCLP



Game Theory

The Prisoner's Dilemma:

- Two prisoners are accused of committing together
- Being questioned in separate rooms at the same time
- They had no time to talk to each other
- Each has two options: remain silent or betray his companion
- If they both remain silent: sentenced for two years
- If they both betray the other: sentenced for four years
- If one betrays while other remains silent: former receives one year while the latter is sentenced to 10 years.

Software Frameworks

- Object Oriented Programming
- Family of software applications tailored to a client's needs
- Overall structure is the same, only application specific item changed
- Hotspots
- Reusable software
- Cookbook
- Design Patterns

Project Titles (I)

- Implementing OCLP
- A Game Interface to Smodels
- A Game Interface to DLV
- Implementing a Multi-Agent Environment using OCLP

Project Titles (II)

- A Prolog travel-planner
- A Timetable Scheduler

Project Titles (III)

- A Software Framework for Theatre Ticketing
- A Software Framework for On-line Board Games

Project Titles (IV)

- Web-Bookmarks
- word2latex
- Analysis of Thermographic Images
- A JPEG-Compression Component

Coordinates

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