

CS405 Introduction to Empirical Modelling Lab 3

Week4

Lecture M5: Empirical Modelling for the Single Agent

Lecture M5: Empirical Modelling for the Single Agent (Hand writing)

Computer Programming for Noughts-and-Crosses: New Frontiers

"Issues to reflect upon in connection with the exercises:"

A1: Preamble to "A World of Pure Experience"; A2: Traditional Empiricism; A3: Pragmatism; A4: Radical Empiricism - a Philosophic Attitude
" Diagrams :two views of the semantic relation and MWDS for computer-based construal

Lecture T2: The LSD Notation for Agent Specification ✓

Tutorial T3: Empirical Principles for LSD Specification ✓

Exercises with LSD

A Comparative Case-Study: the Electronic Cat-Flap ✓

Causal accounts:introducing the 2nd person perspective

"cruise.lsd" --description of agents for a 'cruise control' system

Telephone LSD. Account

A Computer-Aided Script Generator for Computer-Aided Design

CS405 Introduction to Empirical Modelling Lab 4

LSD Specification for a Cat Flap

"catflap.ib.txt"

N	Y	Y
Y	Y	Y
N	Y	Y
Y	Y	Y
N	Y	Y
N	Y	Y
Y	Y	Y
Y	Y	Y
N	Y	Y
N	Y	Y
N	Y	Y
Y	Y	Y
N	Y	Y
N	Y	Y
N	Y	Y
Y	Y	Y
N	Y	Y
N	Y	Y
Y	Y	Y
N	Y	Y
N	Y	Y
Y	Y	Y

M.Sc. 92-9 / MONDAY / NOTES
 Mon - Lecture 2, lecture
 EM PAPERS / PP 1694 paper.html
 MONDAY / NOTES / WJSE 197 /
 SLIDES.html

M.Sc. 72-9 / TUESDAY / NOTES
 Tues - Lecture 4, lecture
 Tues - Lecture 3, lecture
 LSD example



Informal notes on role of LSD				Y	Y	back to future . ppt
Back to the Future: Modern Computing in Railway History	✓			Y	Y	
The Railway Disaster Exercises	✓			N	Y	MSc 92-9 / WEDNESDAY
Talking Points for the Historic Railway Accidents	✓			N	Y	small Acc Com. doc small Acc Exs. doc
CS405 Introduction to Empirical Modelling Lab 5	✗			N	Y	
Lecture T1: Concurrent Systems Modelling: Agentification, Artefacts, Animation	✓			N	Y	MSc 92-9 / TUESDAY / NOTES tue - Lecture 3.htm tue - Lecture 5a.htm
Lecture T4: Visualisation and Concurrent Systems Modelling	✓			Y	Y	
Figure 3-6: An ADM artefact for Jugs				Y	Y	+ AADM . ppt
Lecture Th1: The Abstract Definitive Machine				Y	Y	THURSDAY / NOTES thu - lecture 1/2 . htm
Research Report 127 (Parallel Computation in Definitive Models)				Y	Y	tue - tutorial 4 . htm
Lecture W1: Agent-oriented Modelling and Simulation for Discrete Event Systems				Y	Y	tue - jugs . htm
Concurrent Engineering - summary of principal themes and challenges				Y	N	EMPAPERS / EM-ExpBeh . htm
Agent-oriented Modelling and the Explanation of Behaviour				Y	N	Many CS02 / fids . pdf
Interpreting the Ficts Fiction (some graphs and dialogue)				Y	N	
The Not So Quick Guide to didken				Y	N	
Some useful sources for 3rd year projects in EM: 2002-2003				N	Y	
The four agent perspectives (diagram)				N	Y	
CS405 An Introduction to EM: Module Assignment				N	Y	

Week 7

The Theme of this week is Concurrent Engineering

Lecture M2. A Perspective on Concurrent Systems (lecture slides)

A Computer-Aided Script Generator for Computer-Aided Design

An Agent-oriented Framework for Concurrent Engineering

Listing for the Lathe Model

The Theme of This Week is Software Development

On Visual Formalisms

Enhancing Testability with Scenario-oriented Engineering

~~Enhance~~ Enhance and Accidents of Software Engineering
Business and IT Perspectives on AMORE: a Methodology using Object-Orientation in Re-engineering Enterprises

Agent-oriented Modelling and the Explanation of Behaviour

Case study: dishwasher system

Issues in Agent-Oriented Software Engineering

Some readings on system development

Draughts analysis

Biting the Silver Bullet: Towards a Brighter Future for System Development

From Play-In Scenarios to Code: An Achievable Dream

The Dishwasher Model

MSc 92-9 / Monday / NOTES / mon - lecture 14

Eng SW . txt
S/W development in EM & Eng.doc

M & Eng 002 / weeks / System Development Introduction.doc

Week 9

The Theme of this week is Educational Technology

sqleddiBeynon2002intro (sql eddi -- an introduction)

A Quick Guide to EDDI

The eddi symbol table and eddi

The SQLEDDI environment

Operate in the public/projects/misc/HEAPSORT/HEAPSORT directory

Agent-oriented Parser Documentation

Empirical Modelling for Educational Technology

Morals of the exercise - controversial!

About 'computers for learning'

The Theme of This Week is Human Computing

Human Computing

The Restaurant Model

The Foundations of Computing

Empirical Modelling and the Foundations of Artificial Intelligence

AI Foundations: the Big Issue

Regular Expression in Perlre

CS405 Introduction to Empirical Modelling - some questions for discussion

Week 10

The Theme of this week is Educational Technology

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	N	Y	} Sqleddi Word 2003 / Practicals
	N	Y	
	N	Y	

M Eng CS02/week 6 / Report / Notes - 11-03

week 10 / sin. ppt.
(The sin principle: sinners etc etc)

/ Several slides to other tabs >

MSI 2001 / System intro. ppt [System Development SEM / Concurrent Engineering / 2 lessons of logic]

CS405 / weeks 7-10 + Reviews / exams 1-6. etc. [review content]

can digital work

Possible exam questions

Philosophical reflections motivating some basic ideas: ...

Morals of the exercise - controversial!

- PICTURES OF THE AOMX?
- talks stuff?
- fits picture?
- paper etc relating to Rethinking Programming them