

School of Cognitive and Computing Sciences

First Year School Course — CG019

## COGNITIVE MODELLING

Seminar Week 1: Summer Term 2002

Steve Torrance and Benedict du Boulay

The aims of this seminar are

- to go over the main points of the first lecture and lab class of the course;
- to provide students with an opportunity to ask any questions about the structure and organization of the course; and
- to discuss some basic issues concerning artificial intelligence, cognitive science and the computer-based approaches to cognitive modelling studied in this course.

You should read “A Personal View of Artificial Intelligence”, by Aaron Sloman - the Foreword to [SHH<sup>+</sup>89]. Come prepared to discuss the strengths and limitations of the “Design for an Intelligent System” given there (pp. xxv ff).

You should also read sections 3.1 to 3.6 of Ch. 3, “Stored Knowledge”, by Steve Torrance, in the same volume. This will provide a useful introduction to the Blocks World exercise to be taken in the Lab Class in week 2.

## References

- [SHH<sup>+</sup>89] Mike Sharples, David Hogg, Chris Hutchison, Steve Torrance, and David Young. *Computers and thought: a practical introduction to Artificial Intelligence*. Bradford Books/MIT Press, Cambridge MA, 1989. QZ 1250 Com.