

**COT 4810: Topics in Computer Science  
Schedule for presentations  
Spring 2003**

Homework 1- Due 31/1/03

- 1.- What are some of the possible outcomes for a population?(Game of life)**
- 2.- How do you compute the bad character shift table**
- 3.- What was the reconstruction method discussed in class? (CAT scanning )**
- 4.- If you multiply two prime numbers together would there only be two witnesses?"**
- 5.- What are 3 uses in today's world for Artificial Neural Networks?**
- 6.- What is the name given to a perceptron's input grid?**
- 7.- What might be a worst-case scenario when the quad tree's purpose is to compress an image?**