

## **CHAPTER 6**

### **Optimisation and complexity**

#### **6.1. Introduction.**

#### **6.2 Linear programming**

#### **6.3 Hamiltonian circuits**

#### **6.4 Minimum graph colouring**

#### **6.5 Petri nets**

#### **6.6 Glyph optimisation**

#### **6.7. P/NP problems and Birkby's theorem.**

The P/NP problem includes the decryption problem of resolving the factorisation of two large primes, and in general seeks to relate the complexity of the factorisation problem and its solution time to the simplicity of the algorithm need to solve it.

Polynomial wheel method indicate that polynomial problems are equivalent to the anomalous solution methods of simultaneous quadratic equations, which reduce to the simplest type.

#### **6.8 Polynomial wheel complexity**

#### **6.9 Sunomial measures of complexity**

#### **6.10 Zargon Voronoi diagrams**