

# Nature Inspired Search and Optimisation

## Exercise 1

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October 30, 2016

The assignment is to design an algorithm to solve the equation

$$f(x) = y \tag{1}$$

### **1 Describe a suitable chromosome representation of an individual**

I three options considered for representaiton: Binary, Gray coding and real-valued. The value for x in the given function 1 has not had boundaries defined so I am assuming that it will be on a continuous scale of floating point numbers.