**14 Exercises in math:**

1. Find the determinants and eigenvalues of each of these matrices.

a. 87 2 -5

 -65 34 3

 21 6 -43

b. 7 12 52

 5 -4 -33

 -2 16 3

2. Prove the solution of the logistic growth equation.

http://en.wikipedia.org/wiki/Logistic\_function

3. Complete the revision paper.

**Deadline: 7 January 2015**