CS 709:Assignment 0

July 24, 2009

- Write a small program to find a minimum for the following:

$$\min -P_h^3(1 - P_h)^7$$
$$\text{s.t. } -P_h \leq 0$$
$$P_h \leq 1$$

You can use JAVA/MATLAB/SCILAB to write the program. Also write on a sheet of paper how have you solved it and submit the paper and the program in the next week. The deadline will be told to you in next class. You can also plot the graph using GNU plot. This problems is for 1 mark.