Math 485, Student Profile

Name: SN:

I. Pick four of the listed projects you would prefer to work on and number them from 1 to 4, with number 1 as the most preferred and 4 the least preferred project among the four.

( ) Modeling competition between languages
( ) Modeling traffic flow
( ) Modeling tumor growth
( ) Modeling leukaemia chemotherapy
( ) Modeling HIV infection
( ) Modeling Hepatitis C infection
( ) Modeling superspreaders in epidemics
( ) Controlling the spread of epidemics
( ) Predator-prey dynamics
( ) Competing species
( ) Modeling opinion formation
( ) Fleets of Shared Autonomous Vehicles
( ) Cascading Failures in Power-grid Networks

II. Among the listed courses below, mark the ones you took in the past or are currently taking. You can also let me know your grades but this is entirely voluntary.

( ) Math 410: Matrix Analysis
( ) Math 413: Linear Algebra
( ) Math 454: ODE's and Stability Theory
( ) Math 456: Applied PDE's
( ) Math 464: Theory of Probability
( ) Math 475A-B: Numerical Analysis

III. Check the statements that apply to you.

( ) You worked as a team before.
( ) You took a class on computer programming before.
( ) You worked with Matlab, or Maple or Mathematica before.

IV. If you have already made arrangement with other students to form a team, please list their names (no more than four, of course)