ENTRANCE SURVEY

MODELING AND SIMULATION

FALL 2008

1. Did your high school offer a computer science class that taught programming in a general-purpose programming language (like C, C++, Fortran, Java, Python, MATLAB or Pascal)?

2. If there was such a class, did you take it, or have you taken a programming class somewhere other than high school?

3. What language or languages have you written programs in (the answer "none at all" is perfectly acceptable)?

4. Very roughly, how many lines of code have you written in your life?

5. If you had to, could you write a program (in any language) that sorts an array of numbers?

Please tell us about your background in the following topics. Did you take a class in high school? Was it an AP class? Did you take the AP exam? Did you get a 4 or 5? Have you taken a class at a college or university?

Figure 1: Dolby, Thomas, *She Blinded Me with Science*.

6. Physics?

7. Biology?

8. Chemistry?

9. Mathematics?