36-401 Homework #6 Due Thursday Nov 15, 2001

1. (**20 pts**) RwG problem 5-16, p. 180. The data is in "eggs.dat". Fit the model using `nls()` in Splus. Turn in summaries and graphs similar to the analyses presented in lecture Tues Nov 6, 2001 (the second lecture on nonlinear regression).

2. (**20 pts**) RwG problems 6-5 and 6-6, p. 213. The data is in "kob.dat". To perform the robust regression, say `library(MASS)` to hook in the functions from Venables and Ripley's text, and the use `rlm()`, just as you would use `lm()`, to fit the robust regression model. (See second lecture on robust regression, Tues Nov 13 2001, for an example).