

In the name of God

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ADVANCED METHODS ON COMPUTATIONAL PHYSICS

Exercise Set 16

(Date Due: 1399/04/05)

1. Fisher forecast: Using file which is called *fitinput.txt* and consider $y_{theory} = ax^H$ compute the best fit values for a , H . Now using fisher formalism, plot two dimensional relative likelihood function (contours for joint analysis of a and H). In addition, compute errors for each free parameters.

Good luck, Movahed
