Group Mystery Functions
Computational Physics
Physics 480/680
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Last correction at March 13, 2014, 8:27 am

G.1 **Signal from noise.** (Group project, Fourier, Fitting) ③

Analyze the signal in each of these data sets (Figs 1, 2, and 3). A reasonable goal for the first two-week period is to determine roughly what is going on; in later weeks you should be able to develop quantitative, publication-quality analyses. Download the data from the Web site.
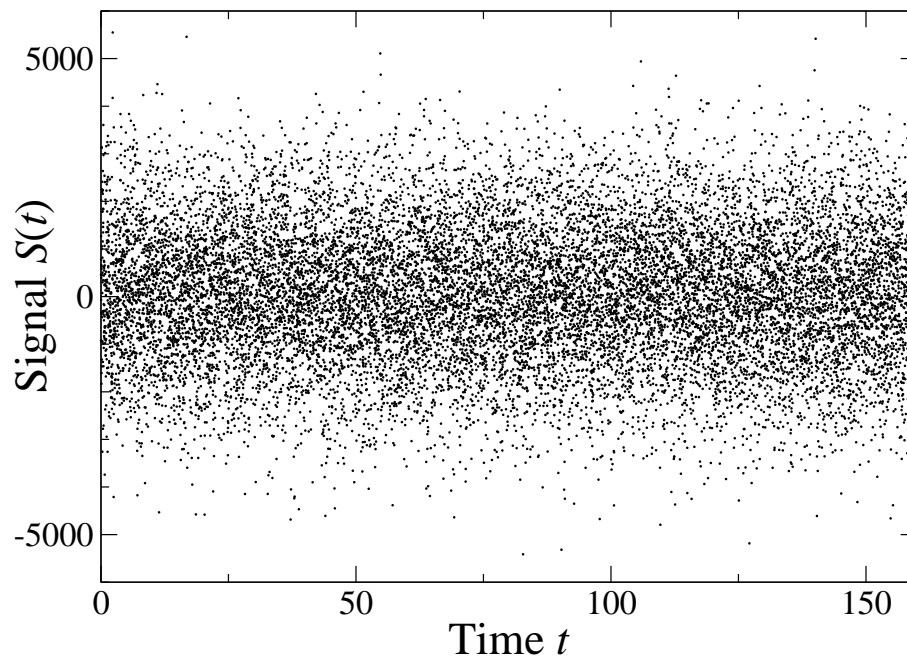

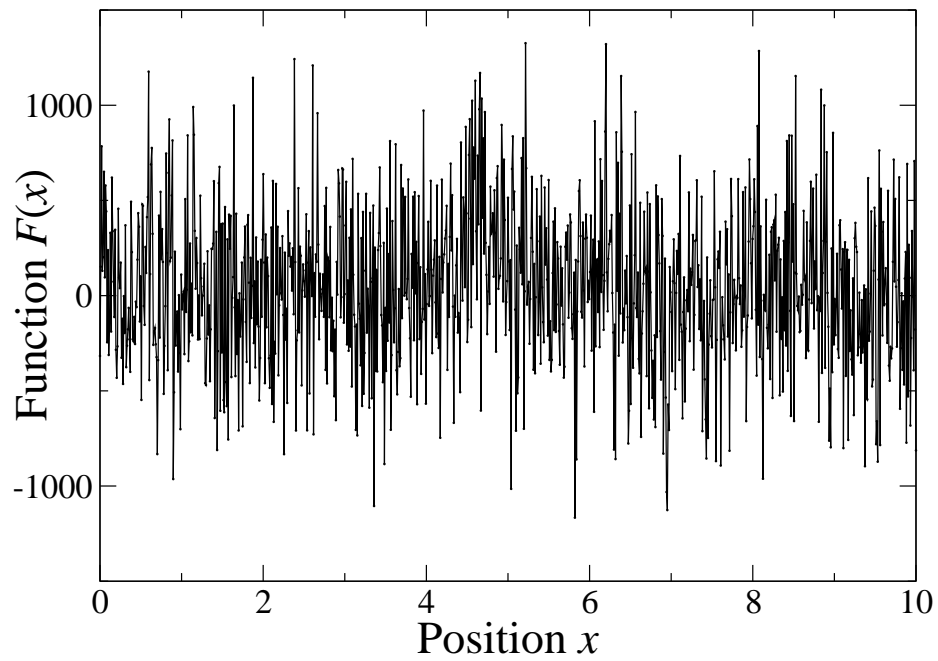
Fig. 1 Long noisy time-series signal: timeSeries.dat.

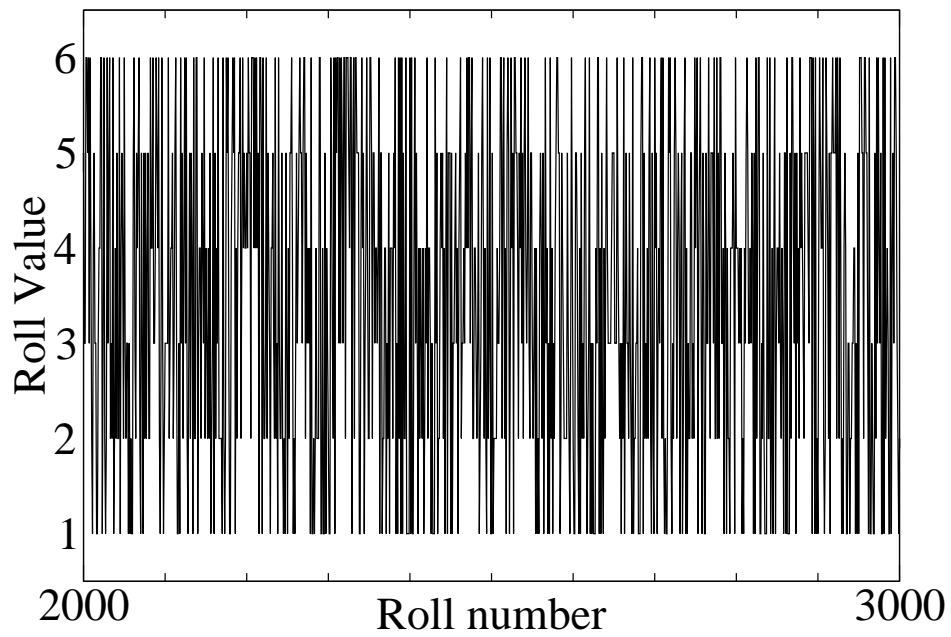**Fig. 2 Short noisy measurement of a function**: NoisyFunction.dat.

Fig. 3 Random dice rolls, sometimes loaded: RandomDice.dat.