

Figure 7-9

This figure shows a sample of *simulated* light curves artificially generated assuming a constant flux and a normal distribution for the errors. The 1σ values for the error in each data point and temporal sampling rates were scattered with a distribution typical of our actual data. The magnitudes were also randomized although this is an irrelevant quantity for these plots.

By studying these graphs, one can estimate the tendency for the reader to pick out patterns in a random distribution of points. This selection effect is important to keep in mind when looking for real indications of time variability.