

**Problem 1 (5pts)**

I am a problem.

I am a solution. Here is some math.

$$\Pr(X < x) = \frac{1}{\sqrt{2\pi}} \int_{-\infty}^x \exp\left\{-\frac{1}{2}x'^2\right\} dx' \quad (1)$$

**Problem 2 (15pts)**

I am another problem.

I am another solution. This one has a figure, below in Figure 1.

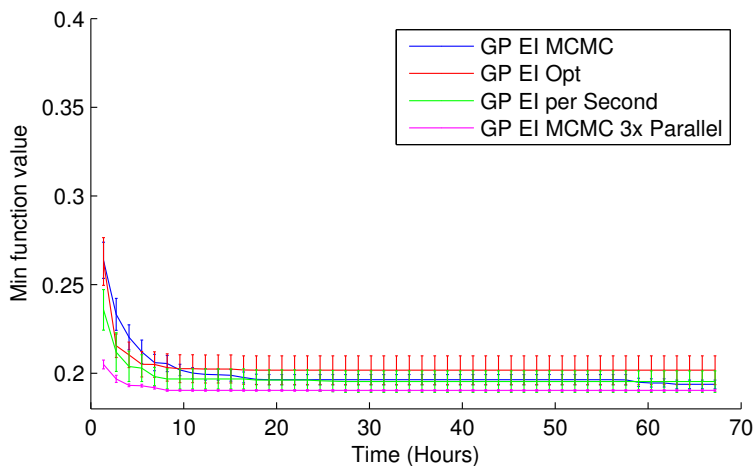


Figure 1: I am a caption.