ENGRIOJ TUTORIAL 8

 $f(x) = \frac{1}{\sqrt{2\pi}} e^{\frac{\pi}{2}}$ 

= 0.05379096651

Because here is repossible way he probability can add to I when you are adding he probability of an infinite set of finite numbers.

Since the probability of getting the tre
value and the -ve value is the
same over time the probability will
the retore become zero. The amplitude
of the neise is not approx 0.14, the
veel graph.

To you keep averaging over ting he hoise will average to about he signal would average to about he signal

COMPLETION 2

00	The state of the s
NTRIALS	Ava may of noise
1 1	0.8
10	0.25
100	0.085
1000	0.026
10,000	0.00027
	0.0026

If you giverge n samples at the roise, the magnitude decrease by In.
The + for a mag docreases by In for n measurement

