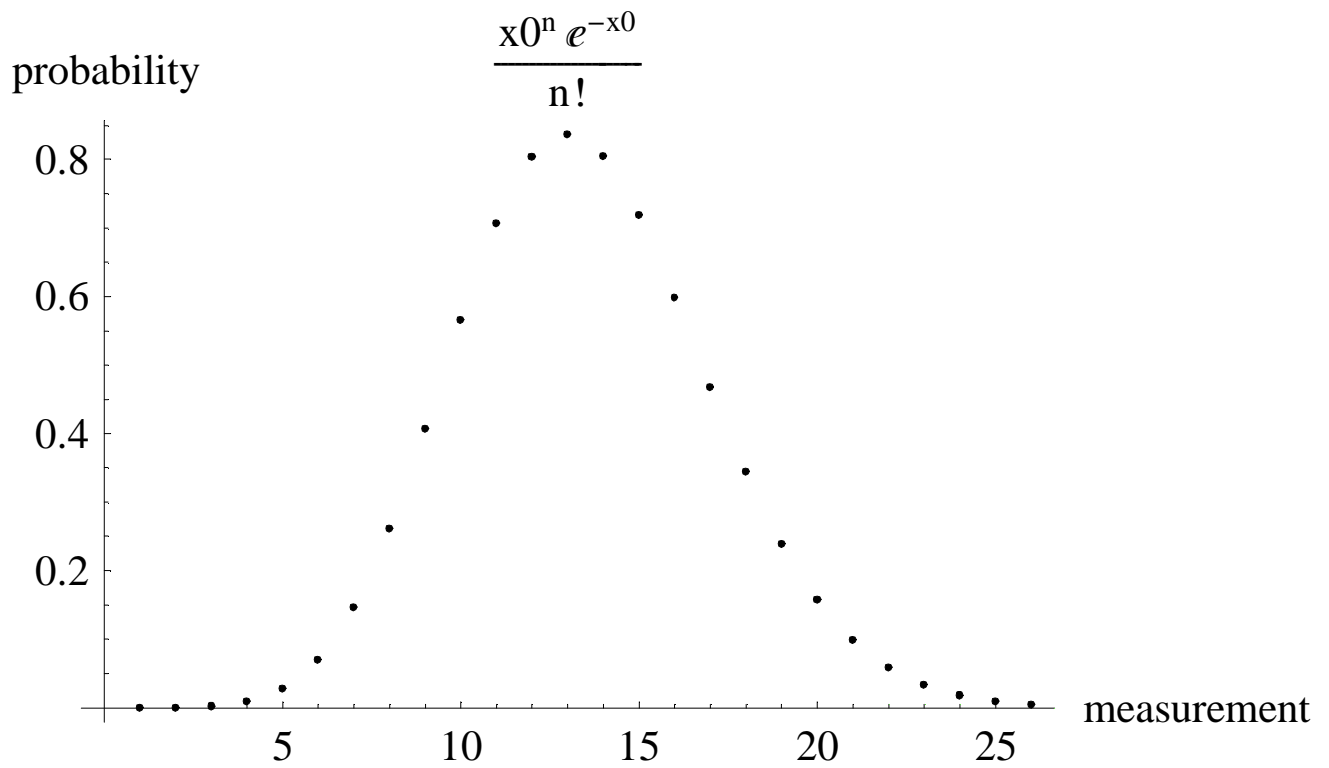
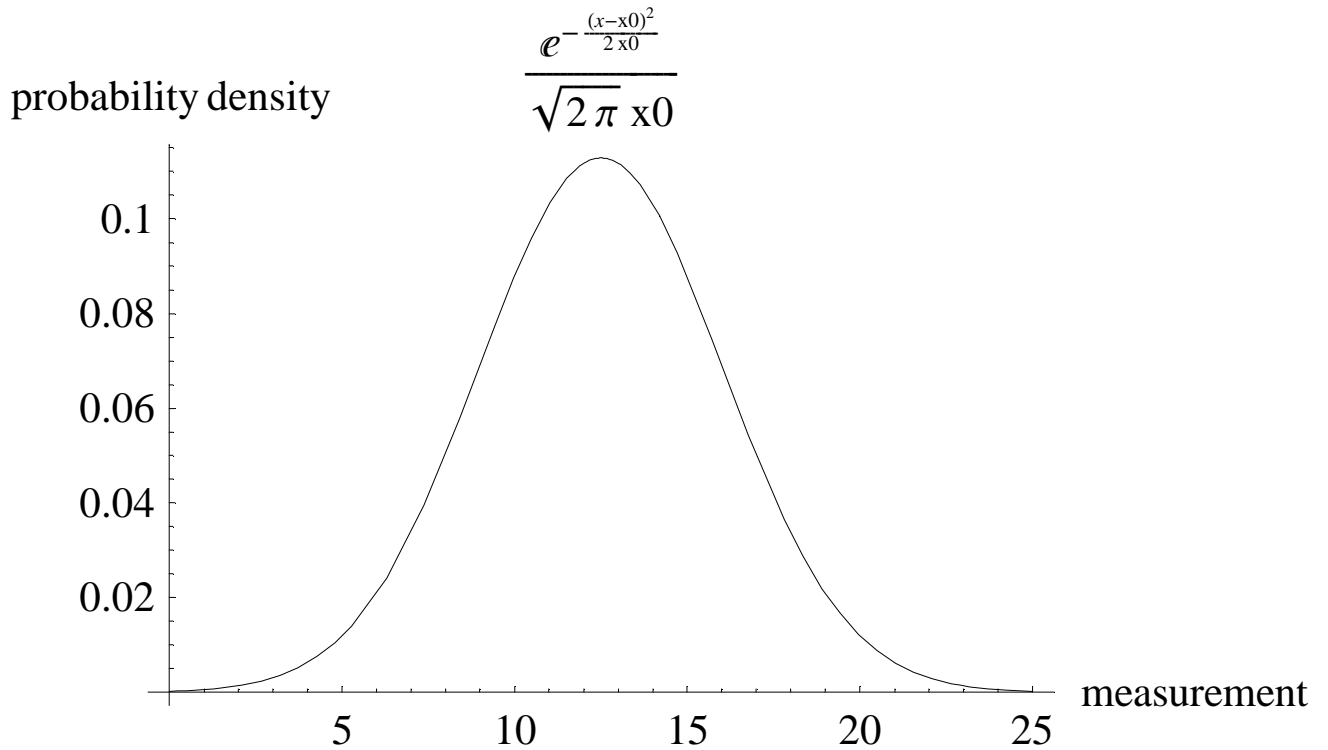


```
ListPlot[Table[Exp[-10.5] (12.5)^n/n!, {n, 0, 25}],  
  AxesLabel -> {"measurement (n, mean x0)", "probability"},  
  PlotLabel -> TraditionalForm /@ Exp[-x0] x0^n/n!,  
  TextStyle -> {FontFamily -> "Times", FontSize -> 20}]
```



- Graphics -

```
Plot[Sqrt[1 / (2. Pi 12.5)] Exp[- (x - 12.5) ^ 2 / (2 12.5)], {x, 0, 25},  
  AxesLabel -> {"measurement (x, mean x0)", "probability density"},  
  PlotLabel -> TraditionalForm /@ Exp[- (x - x0) ^ 2 / (2 x0)] / (Sqrt[2 Pi] x0),  
  TextStyle -> {FontFamily -> "Times", FontSize -> 20}]
```



- Graphics -