$$
\begin{aligned}
I(x,y) &= I_0\, e^{-\left((x-x_0)^2+(y-y_0)^2\right)/2\sigma^2} \\
K^2 &= \sum_i \left(\mathrm{data}_i - \mathrm{model}_i\right)^2 \\
V(t) &= 1.0\, e^{-\left((t-t_0)^2/2(0.4255)^2\right)}
\end{aligned}
$$