

$$f_0(t) = \frac{1}{\sqrt{\pi}} e^{-t^2}, \quad f_1(t) = -\frac{2}{\sqrt{\pi}} t e^{-t^2}, \quad f_2(t) = \frac{2}{\sqrt{\pi}} (t^2 - \frac{1}{2}) e^{-t^2},$$