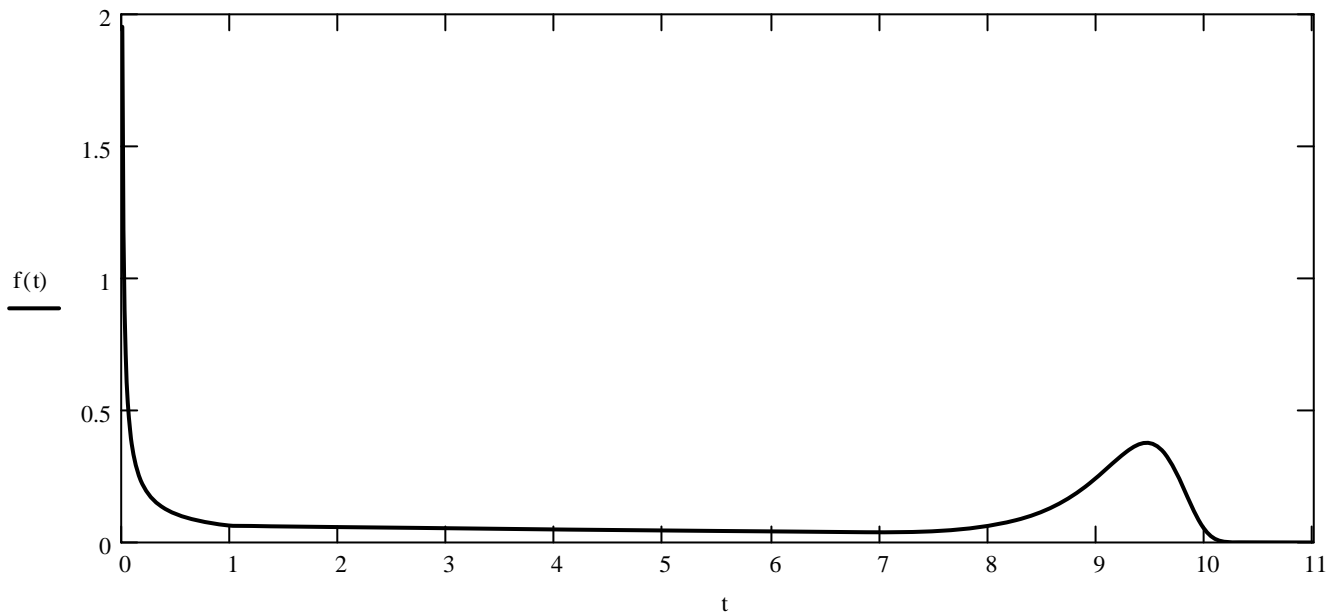
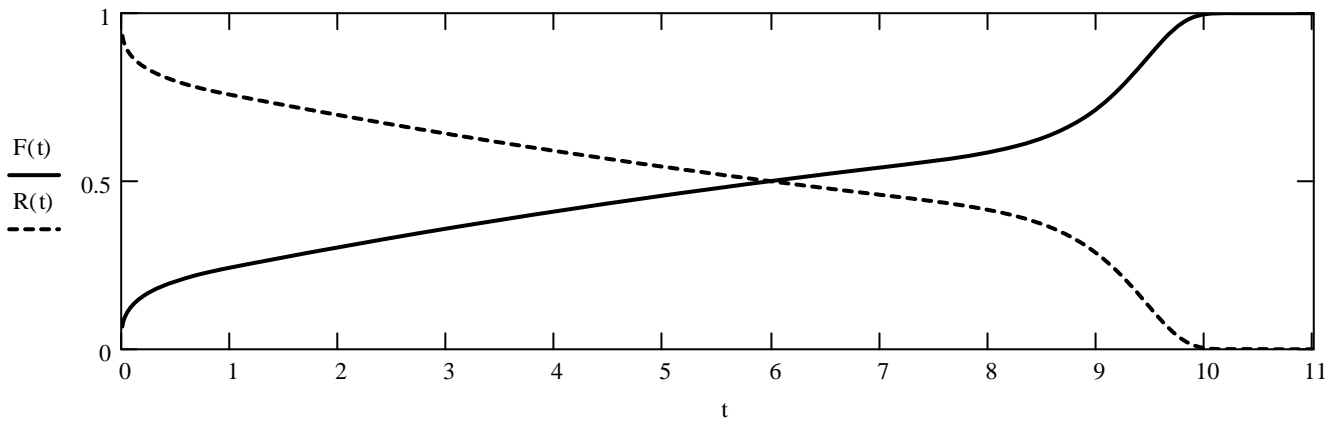


$$a(t) := \text{if}(t < 1, 3.6, 12) \quad b(t) := \text{if}\left[t < 1, 0.3, \text{if}\left[t < 7, 1, 1 + \frac{(t-7)^2}{5}\right]\right]$$

$$FR(t) := \left(\frac{b(t)}{a(t)}\right) \cdot t^{b(t)-1} \quad R(t) := \exp\left(-\int_0^t FR(x) dx\right) \quad F(t) := 1 - R(t) \quad f(t) := FR(t) \cdot R(t)$$

t := 0, 0.01 .. 11



$$MTTF := \int_0^{11} t f(t) dt \quad MTTF = 5.315$$

