



$$f(x) = \begin{cases} -0.0000133x^3 + 0.0308335x & 0 \leq x < 20 \\ 0.0000095x^3 - 0.0013678x^2 + 0.0581893x - 0.182372 & 20 \leq x < 48 \\ -0.0074646x + 0.86809 & x \geq 48 \end{cases}$$