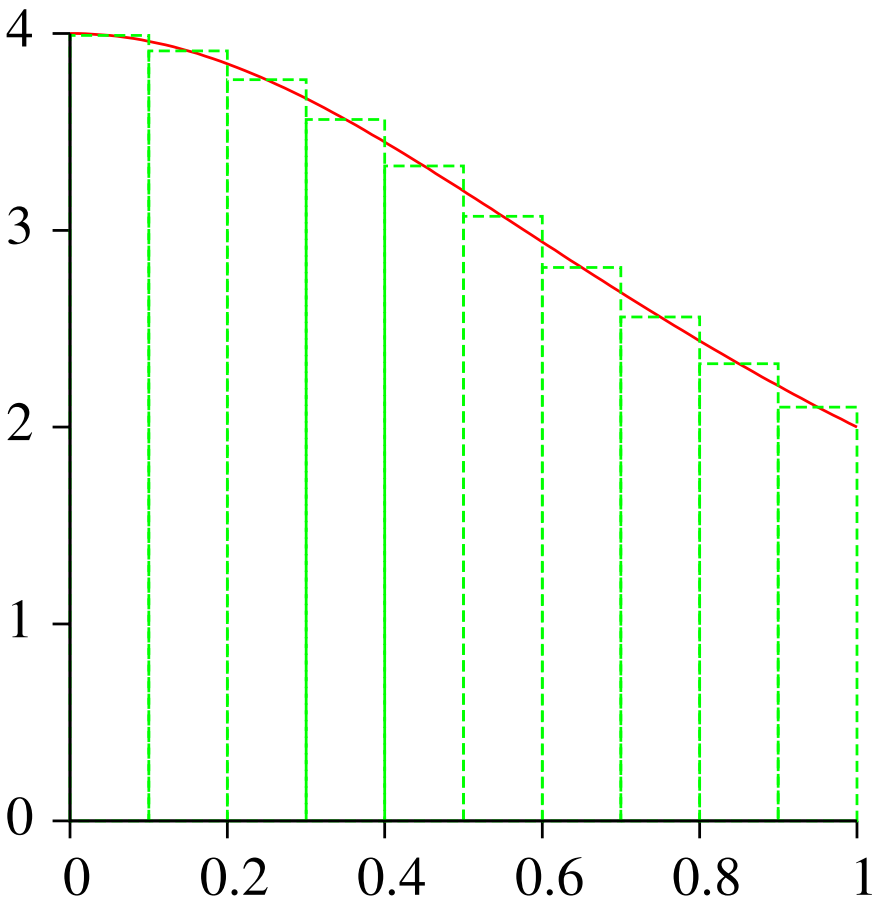

function $\frac{4}{(1+x^2)}$

approximation