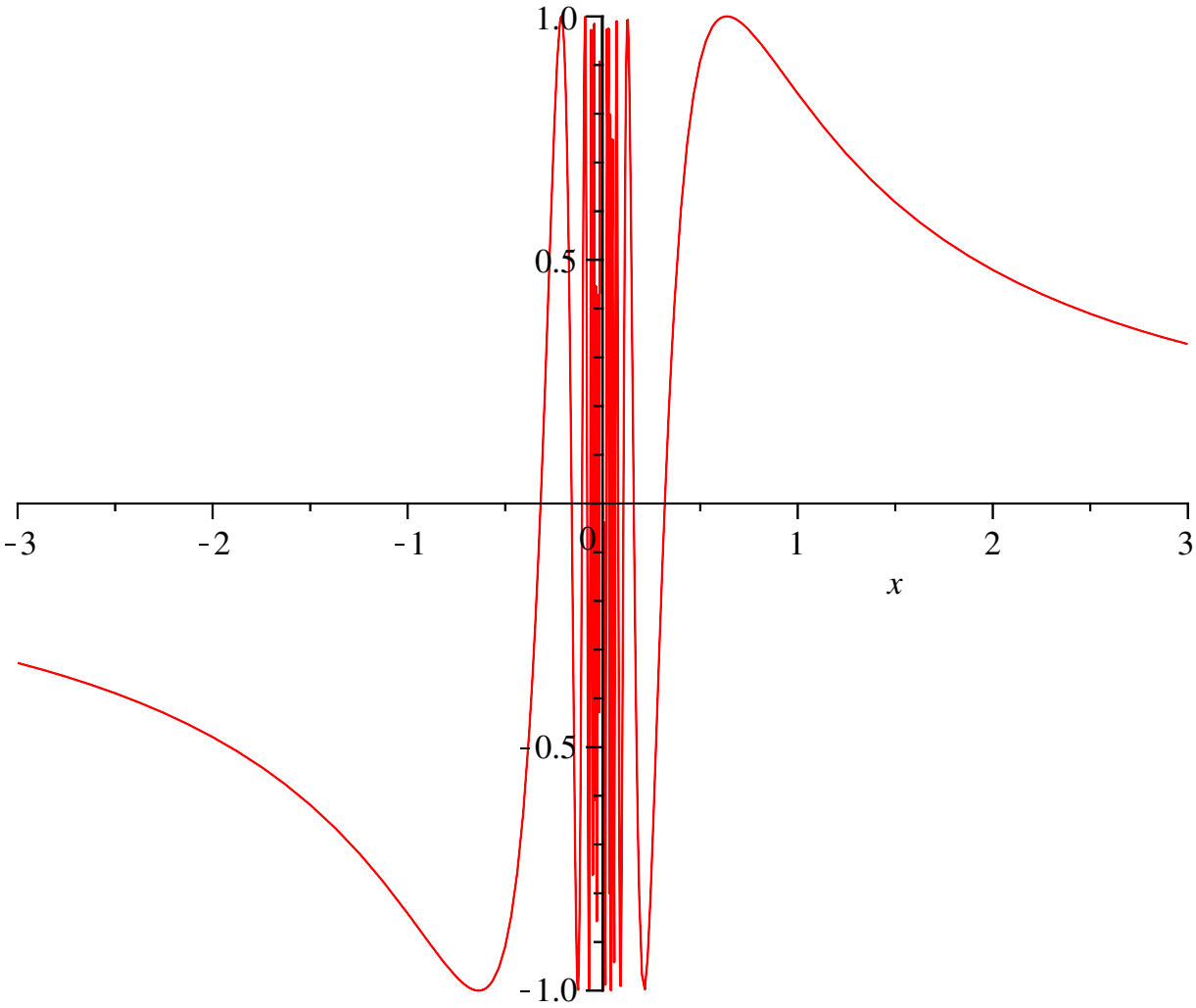
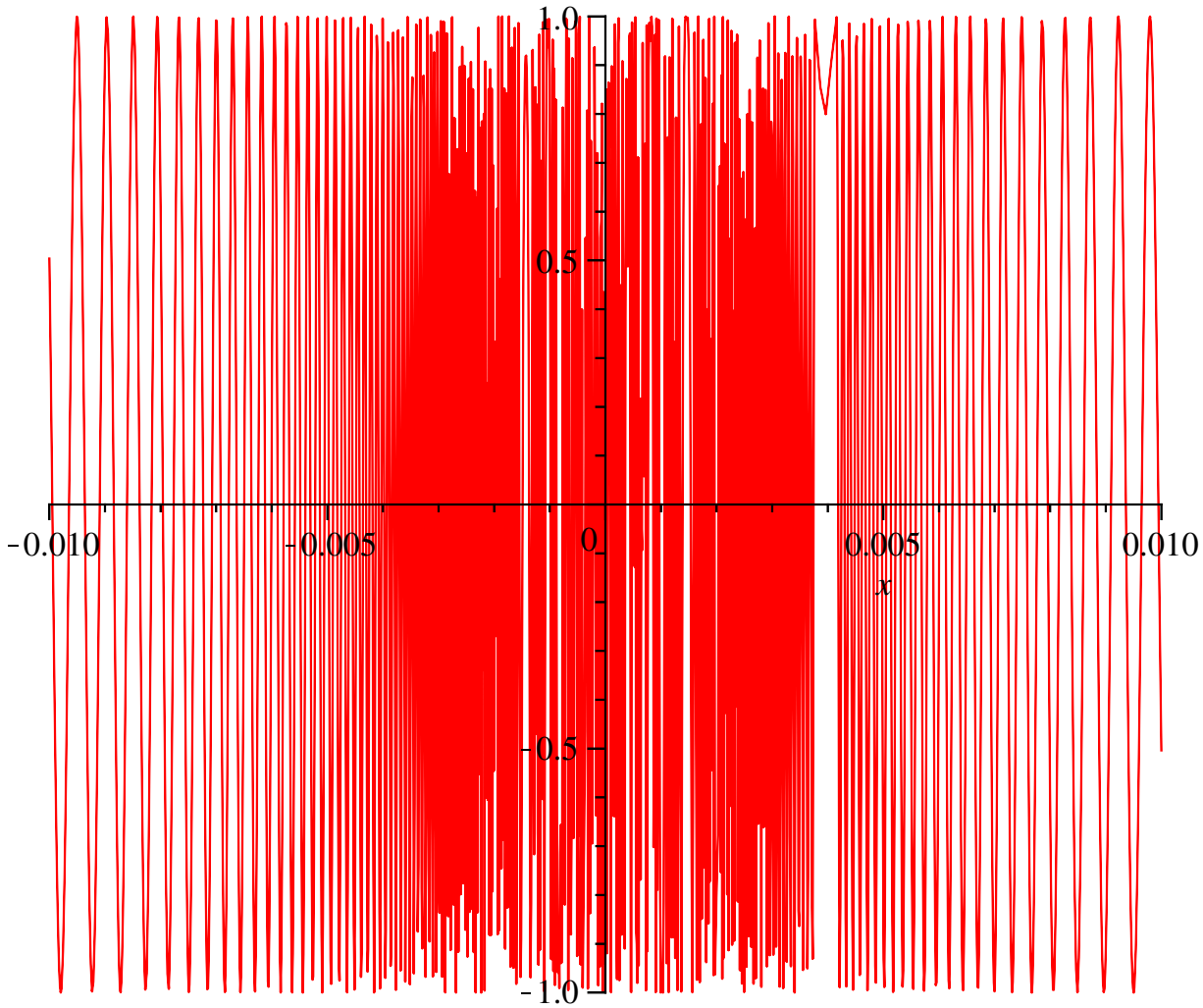
$$plot\left(\sin\left(\frac{1}{x}\right), x = -3..3\right);$$



$$plot\left(\sin\left(\frac{1}{x}\right), x = -0.01 \ldots 0.01\right);$$