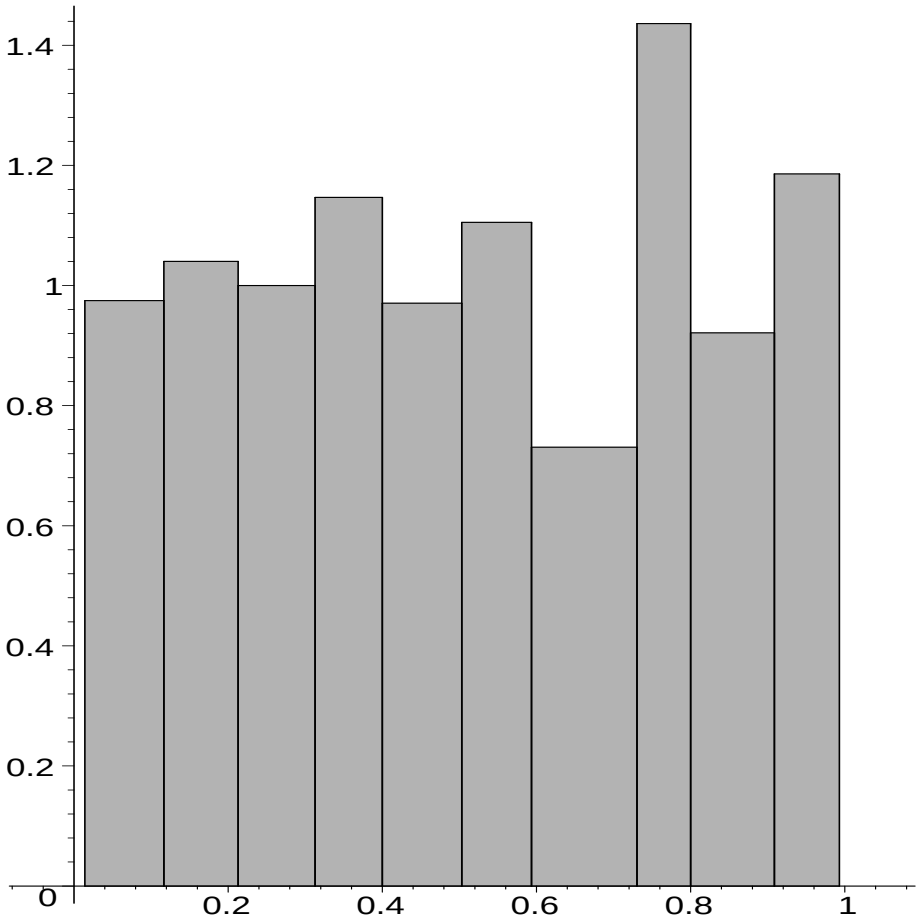
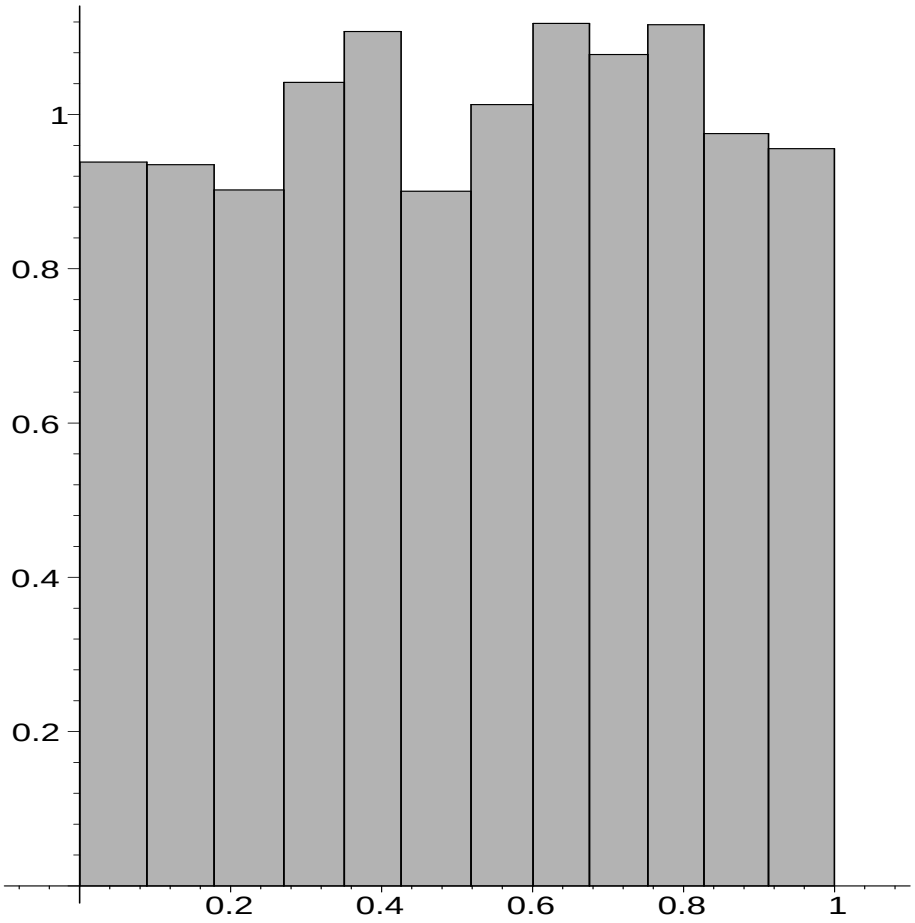
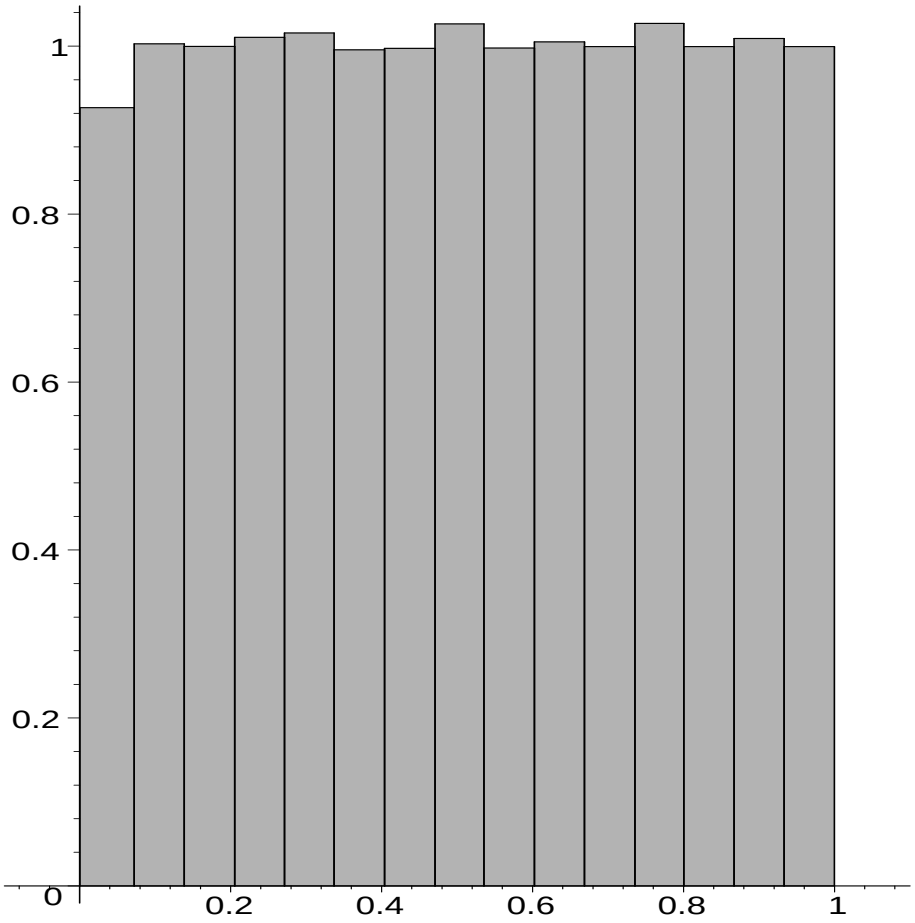


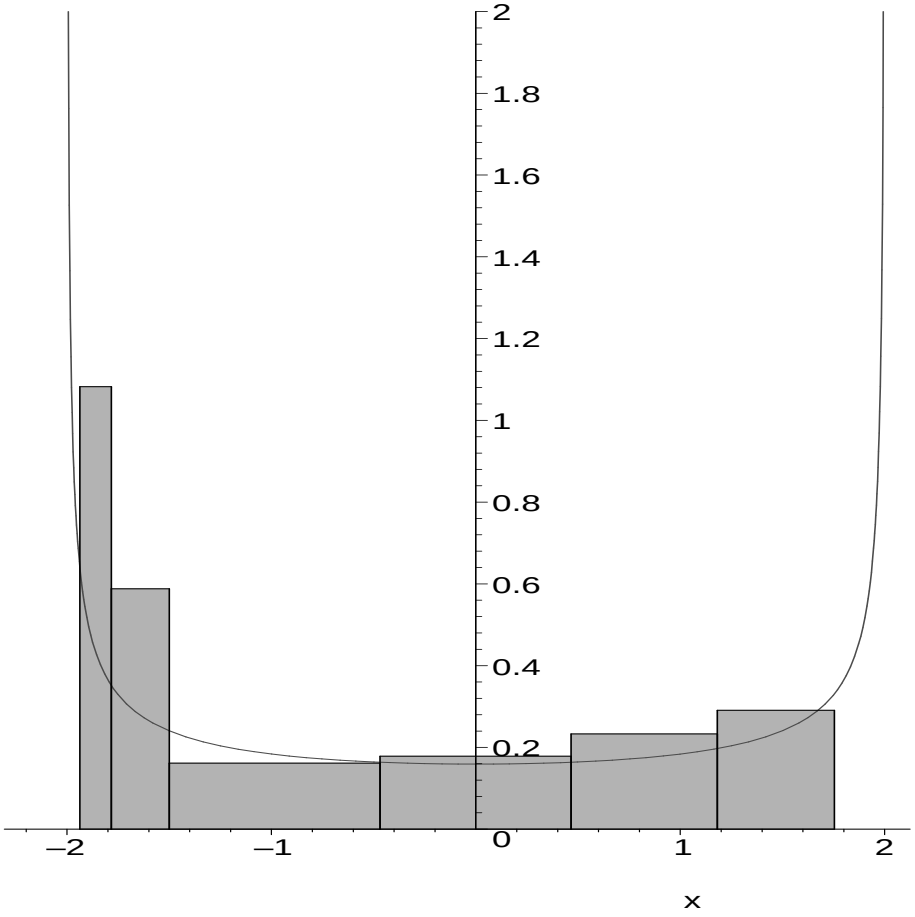
First 100 iterates of $T(x)$, $x_0 = \frac{1}{\sqrt{2}}$.



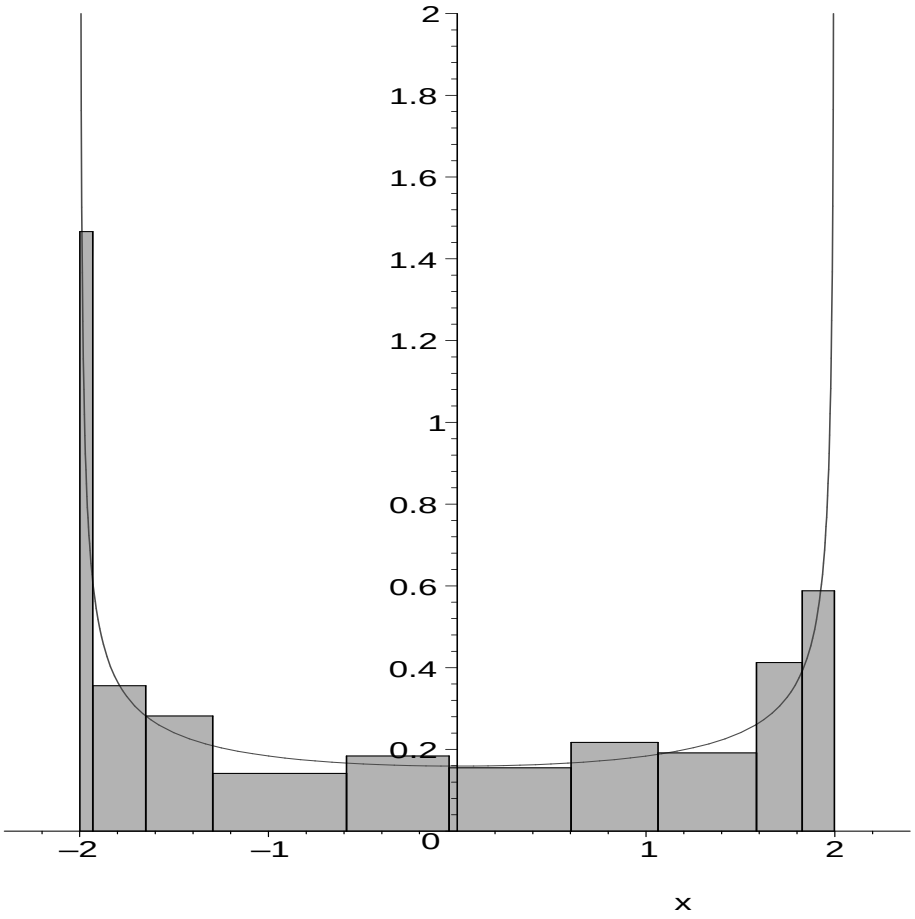
First 1000 iterates of $T(x)$



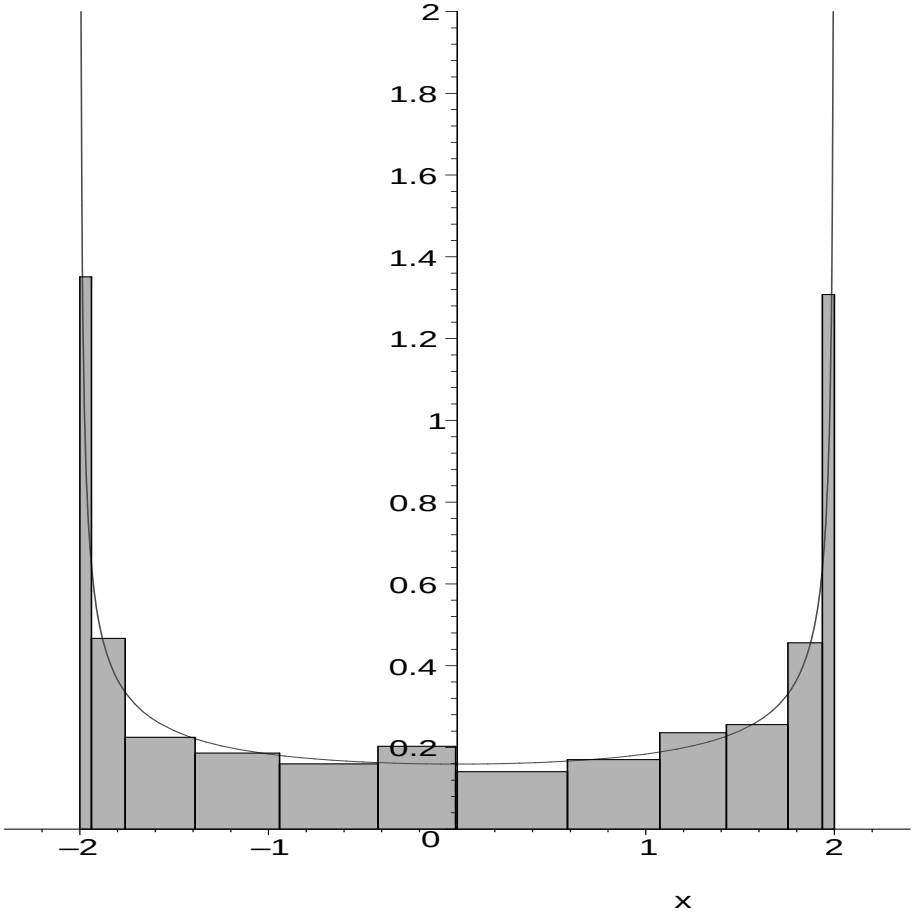
First 10000 iterates of $T(x)$



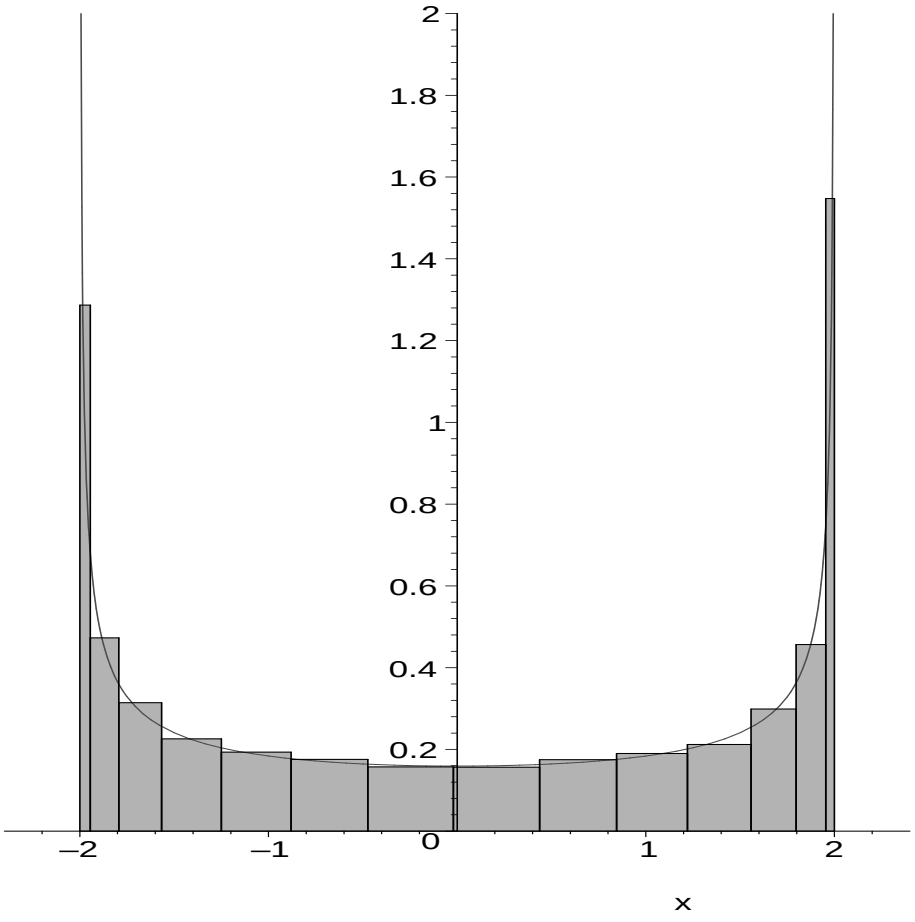
First 20 iterates of $Q(x) = x^2 - 2$, $x_0 = \frac{1}{\sqrt{2}}$.
Also plotted $\rho = \frac{1}{\pi\sqrt{4-x^2}}$



First 100 iterates of $Q(x) = x^2 - 2$, $x_0 = \frac{1}{\sqrt{2}}$.
Also plotted $\rho = \frac{1}{\pi\sqrt{4-x^2}}$



First 1000 iterates of $Q(x) = x^2 - 2$, $x_0 = \frac{1}{\sqrt{2}}$.
Also plotted $\rho = \frac{1}{\pi\sqrt{4-x^2}}$



First 10000 iterates of $Q(x) = x^2 - 2$, $x_0 = \frac{1}{\sqrt{2}}$.
Also plotted $\rho = \frac{1}{\pi\sqrt{4-x^2}}$