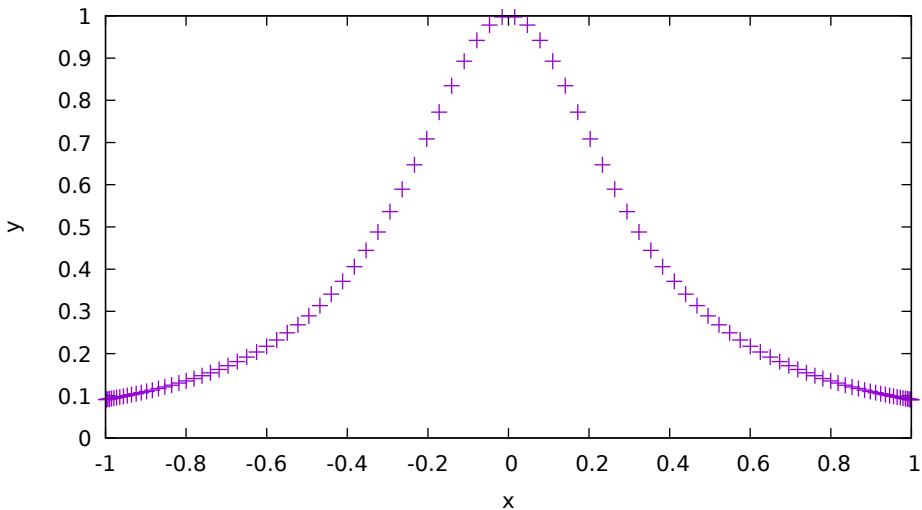
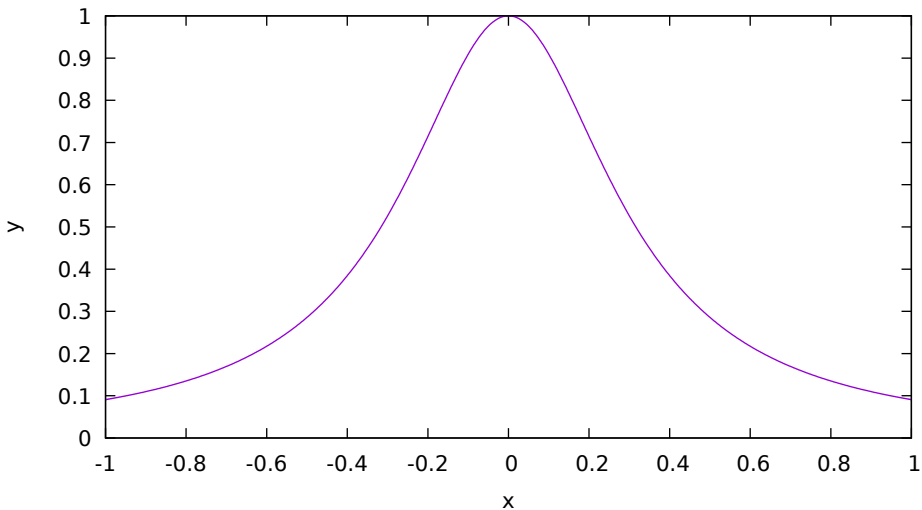


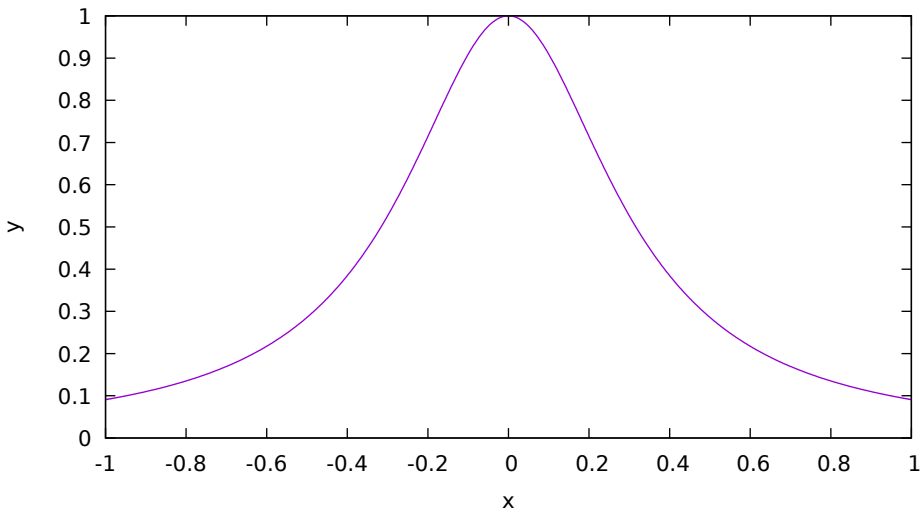
q5 --- original 100 sample points



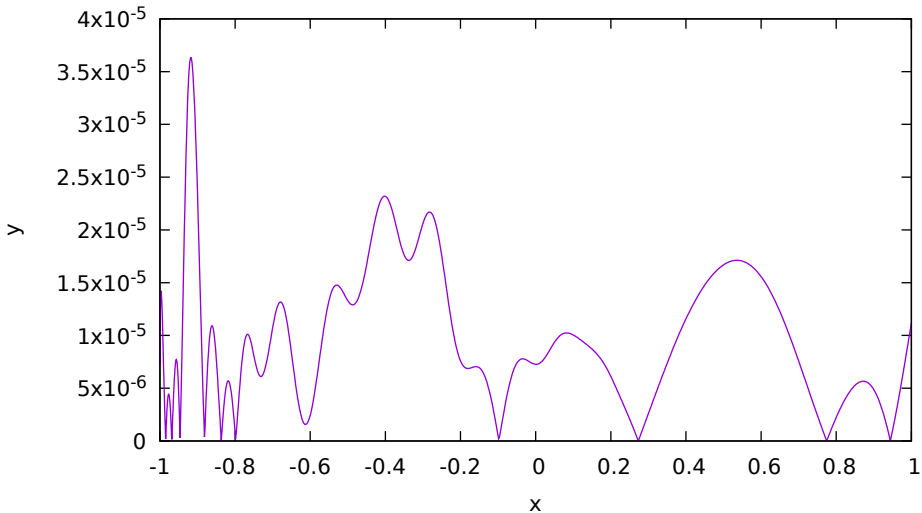
q5 --- Expected curve



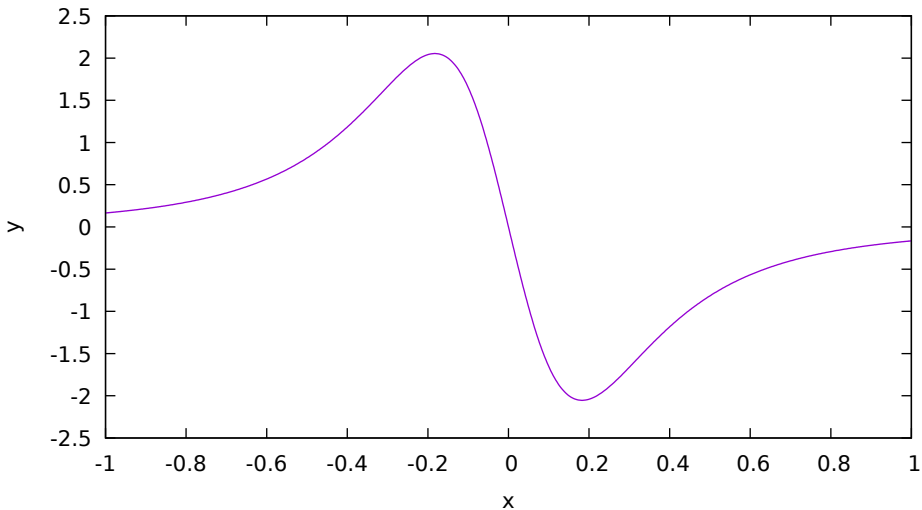
q5 --- approximation curve



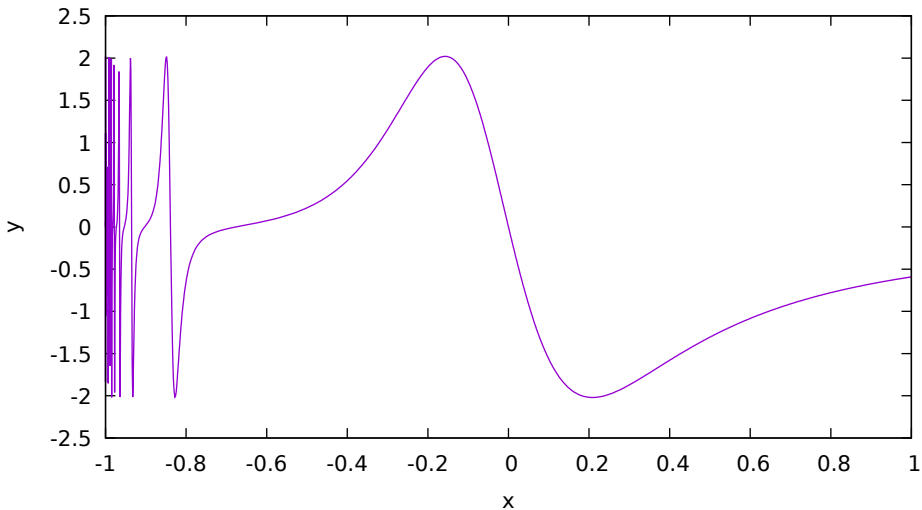
q5 --- error: $\text{abs}(y_{\text{expect}} - y_{\text{approx}})$



q5 --- Expected derivative curve



q5 --- approximated derivative curve



q5 --- error for derivative: $\text{abs}(y_{\text{expect}} - y_{\text{approx}})$

