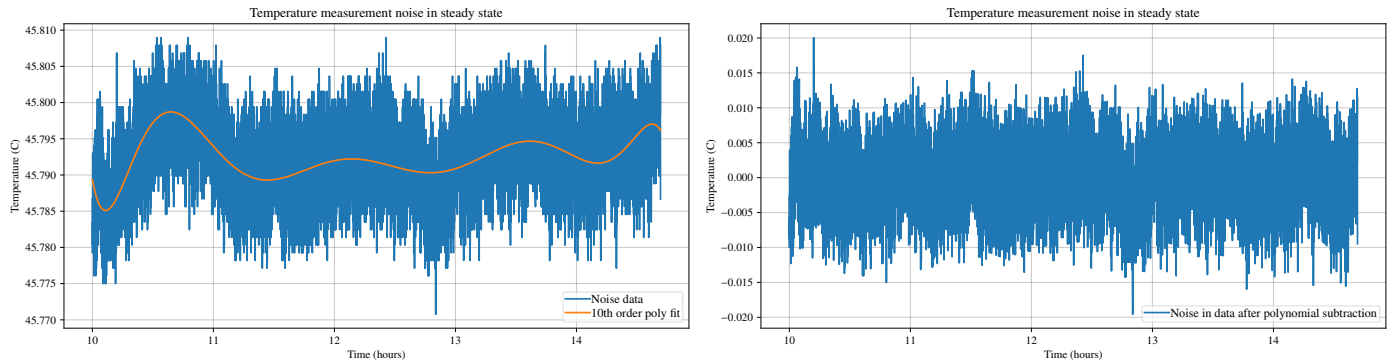
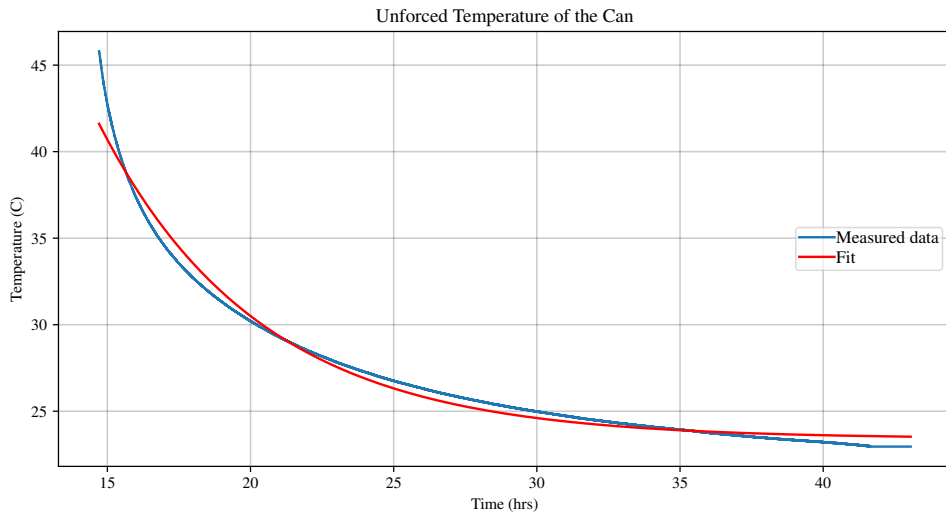


(a) Variation in temperature of can over 4 days



(b) (Left) Steady-state data (flat region in (a) before cool down) fitted with a 10th order polynomial to de-trend data and obtain estimate for rms fluctuations in the temperature measurement. (Right) The same data after subtracting the fitted polynomial



(c) Region of data corresponding to cool down fitted with exponential decay using *scipy.optimize.curve_fit()*

Figure 4: Plots related to analysis of cool down curve for vacuum tank initially heated to 45 °C