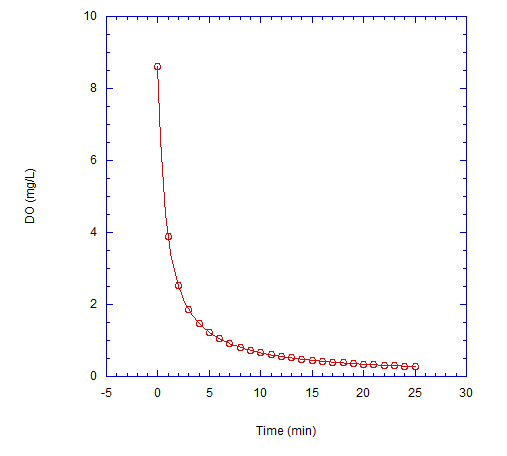
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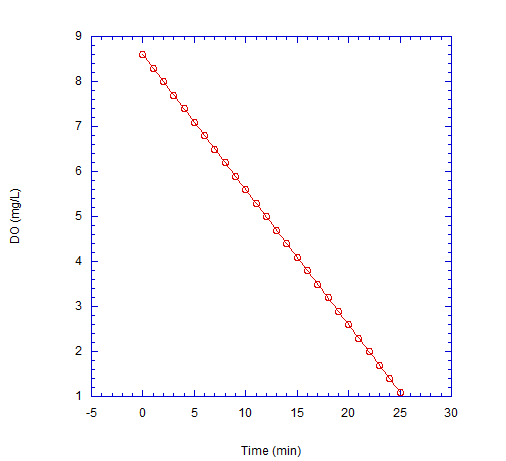
September 17, 2013

Lab 3 – Nonlinear Curve Fitting

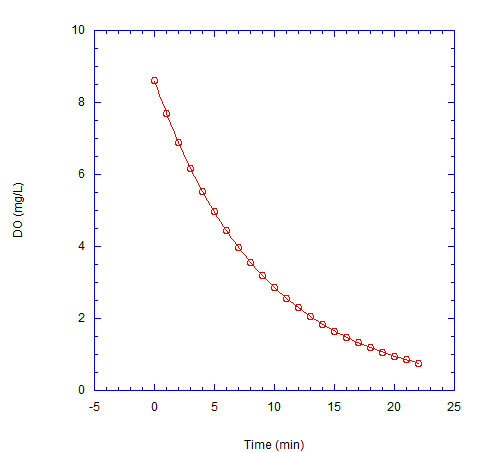
PART I



**Figure 1**. Data set 1 is a second order reaction that plots dissolved oxygen (DO) vs. time in minutes. The reaction rate coefficient is displayed on the graph along with its model fit.



**Figure 2**. Data set 2 is a zero order reaction that plots dissolved oxygen (DO) vs. time in minutes. The reaction rate coefficient is displayed on the graph along with its model fit.



**Figure 3**. Data set 3 is a first order reaction that plots dissolved oxygen (DO) vs. time in minutes. The reaction rate coefficient is displayed on the graph along with its model fit.