

Problem 2: Degradation of Aqueous Bromide

3 solutions submitted (max: Unlimited) | [View my solutions](#)

Problem Summary

The photodegradation of aqueous bromide for an particular setup is expected to follow the function:

$$c = 4.84e^{-0.034t}$$

where c is the concentration in ppm (parts per million), and t is the time in minutes.

For the same setup, an experiment was run and the concentration was measured once every 10 minutes.

Requirements:

1. Create a plot displaying both the measured experimental data (using red diamond shapes) and the expected function (using a green dashed line).
2. Plot the function for the first 70 minutes, using one point every 30 seconds (including the beginning and end point).
3. Be sure to include a llegend and label axes appropriately.

Note: DO NOT use "clear" in your function, it will break the grading scripts and your solutions will all be marked as wrong!