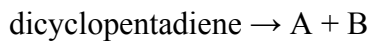


Correction to the take home exam:

Problem 2. (50 points) I took problem 2 from a book without thinking about it. The book claims that the numbers in the table represent a measured quantity which is proportional to the concentration of dicyclopentadiene. That can not be true: dicyclopentadiene decomposes so the numbers in the table should decay in time. The correct problem is that the reaction is



where A and B are decomposition products. The numbers in the table are proportional to the concentration of B. Use this information to find the rate constant for the decomposition of dicyclopentadiene.

Sorry about this. I assumed that people do not make mistakes when they write books. I should have known better. Best wishes, HM