

# CHEMICAL KINETICS LIBRARY

HARVARD UNIVERSITY

CS 207 PROJECT

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## 1 Introduction

Chemical Kinetics is the study of chemical reactions with respect to reaction rates, effect of various variables, re-arrangement of atoms, formation of intermediates etc.

### 1.1 Reaction Rates

There are several kinds of reaction rates, and here we are introducing three types of reaction rate coefficients:

#### Constant Reaction Rate Coefficient

$$k_{const} = k$$

## 2 Installation

At the moment, this is a partially implemented Module! Thus it can be downloaded by downloading a zip of the module from github.

Download instruction:

- 1) Go to <https://github.com/cs207G6/cs207-FinalProject>

2) Click the clone or download button on the right side.

3) Click Download as zip!

Using the Zip:

1) Unzip the file.

2) Import the module into your code

3) Now you can use the modul.

See "Basic Usage and Examples" for how to use the module

### **3 Basic Usage and Examples**