CE 329 Fall 2015

Class 6 Worksheet

What linear combination of the steps in the N_2O_5 mechanism that adds to give the overall reaction?

What are the reactive intermediates in the N_2O_5 mechanism?

Is the N_2O_5 mechanism open or closed? If closed, what are the propagation steps?

Write an expression for the rate of the N_2O_5 reaction in with respect to one of its reactants or products.

What linear combination of the steps in the H_2 - D_2 mechanism that adds to give the overall reaction?

What are the reactive intermediates in the H_2 - D_2 mechanism?

Is the H_2 - D_2 mechanism open or closed? If closed, what are the propagation steps?

Write an expression for the rate of the H_2 - D_2 reaction in with respect to one of its reactants or products.