

## CE 329, Fall 2015 Assignment 8 Solution

The formation of phosgene appears macroscopically to take place according to reaction (1) below. It has been suggested that at the molecular level, the actual events taking place are given by reactions (2), (3) and (4). Supposing that reaction (4) is the rate-limiting step, derive a rate expression for reaction (1). Your rate expression should not contain concentrations or partial pressures of reactive intermediates.

