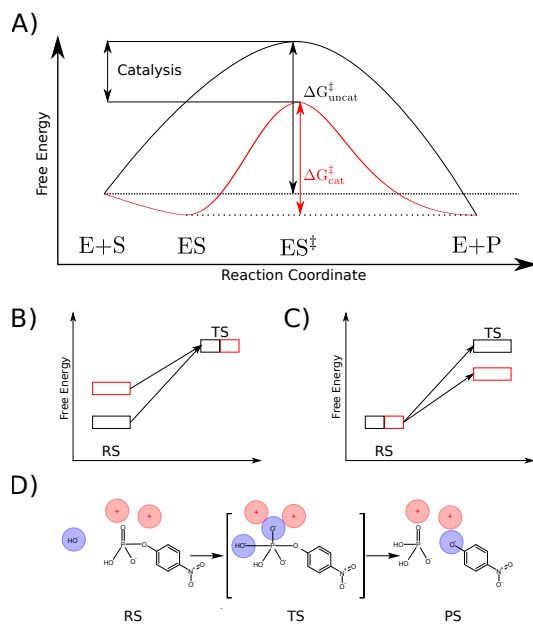


Errata list for Thesis

- Paper VI in the list of papers should read “Submitted”
- Manuscripts for papers V and VI have been updated to the revised or submitted version
- Figure 1.3 on page 26 should be replaced with the version below



- Text on page 47 should be changed from “for each atom velocities” to “for each atom”
- Right below on page 47, “used obtain” has to be changed to “used to obtain”
- Text on page 54 should read “has been successfully”, instead of “has bee successfully”
- Table 6.2 on page 79 should read the following

| System | $\Delta G_{\text{light}}^{\ddagger}$ | $\Delta G_{\text{heavy}}^{\ddagger}$ | KIE_{calc} | KIE_{exp} |
|----------------|--------------------------------------|--------------------------------------|----------------------------|---------------------------|
| COMT | 16.0 ± 0.2 | 15.9 ± 0.2 | 0.80 | 0.79 |
| Dehalogenation | 20.0 ± 0.1 | 21.0 ± 0.1 | 5.5 | 7.2 |