CHEM 261 Nov 16, 2020

**Elimination Reactions:**

 2 Types of Mechanisms: E1 and E2



Base vs. Nucleophile:





**E2 Reaction** (E=Elimination)**:**

 - Rate depends on two concentrations

 - Stereospecific

 - Concerted (bonds being formed and broken at the same time)

 - No intermediate

 - Anti-periplanar geometry

1) Dehalogenation



**Example #1:**

 **-** Zinc mechanism always proceeds via E2

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**Example #2:**



Due to mechanism of Zn, the double

bond is stuck at less substituted end.

Double bond can go to more substituted

if it is left in aced