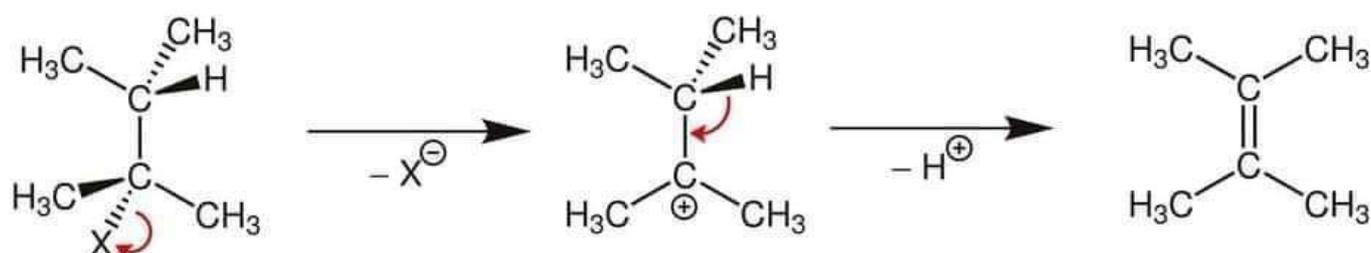
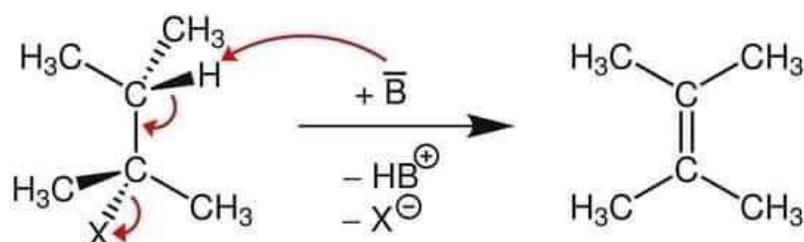


# Elimination reaction

## E<sub>1</sub> reaction



## E<sub>2</sub> reaction

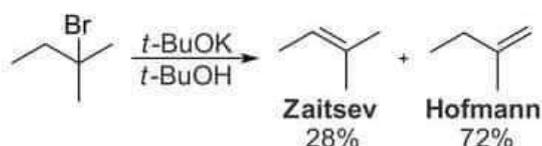


August Wilhelm von Hofmann  
(1818 - 1892)



Alexander Zaitsev  
(1841 - 1910)

### Hofmann/Zaitsev's rule



"The alkene formed in greatest amount is the one that corresponds to removal of the hydrogen from the alpha-carbon having the fewest hydrogen substituents." *Alexander Zaitsev, 1875*

The exact opposite elimination was predicted by August Wilhelm von Hofmann, a German chemist.

### Preferred mechanism

