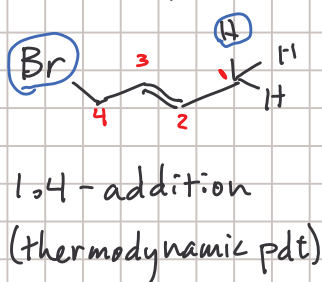
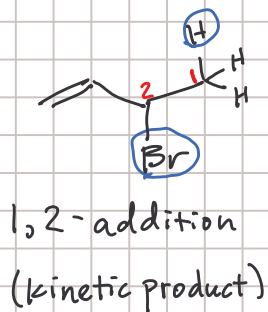
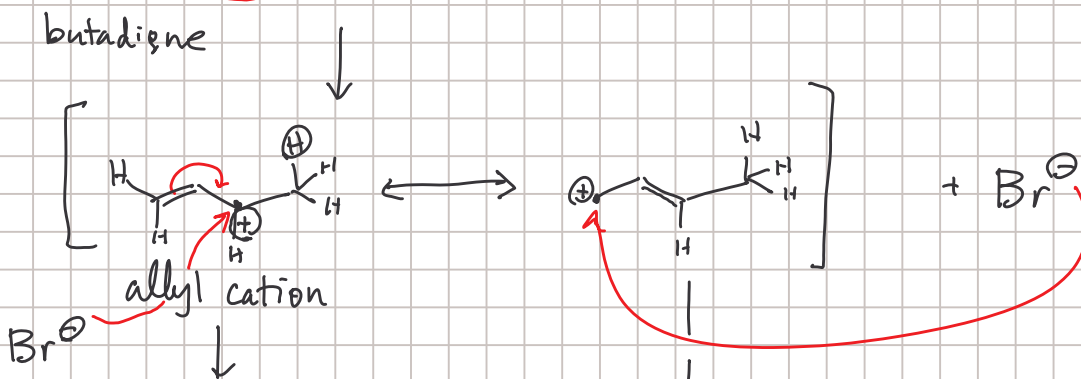
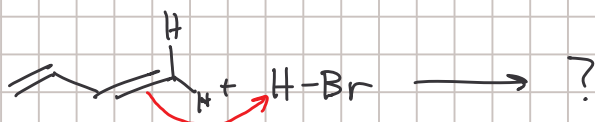
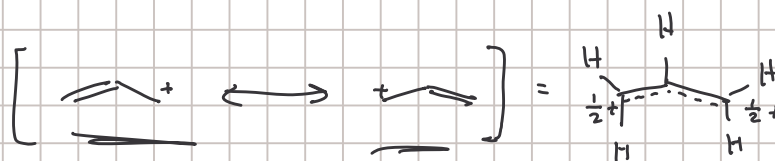
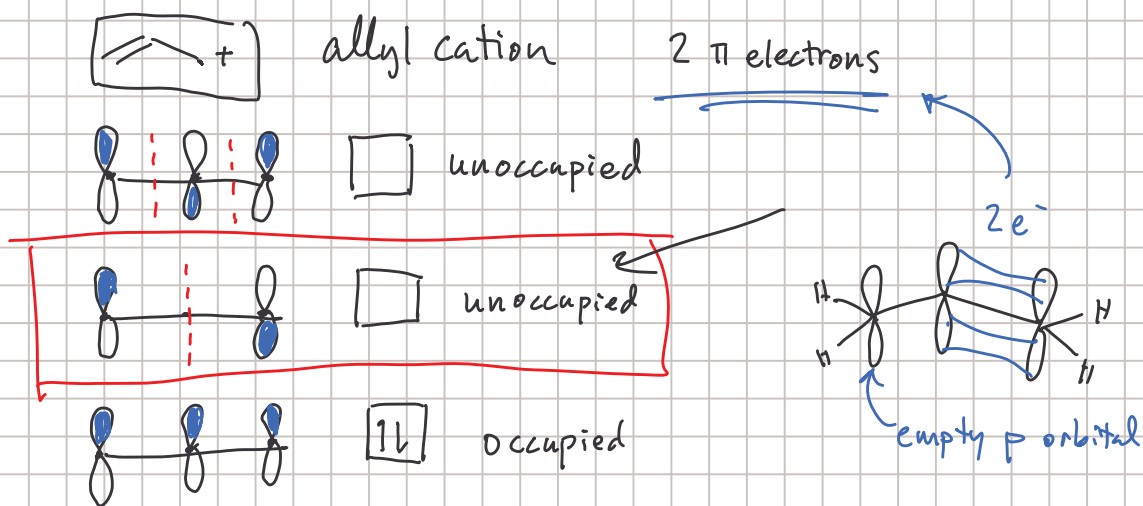


Ch 15

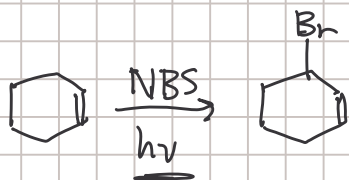
Note Title

1/30/2006

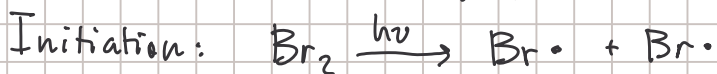
Exam 1 pushed to Feb 6 Mon



Allyl radicals

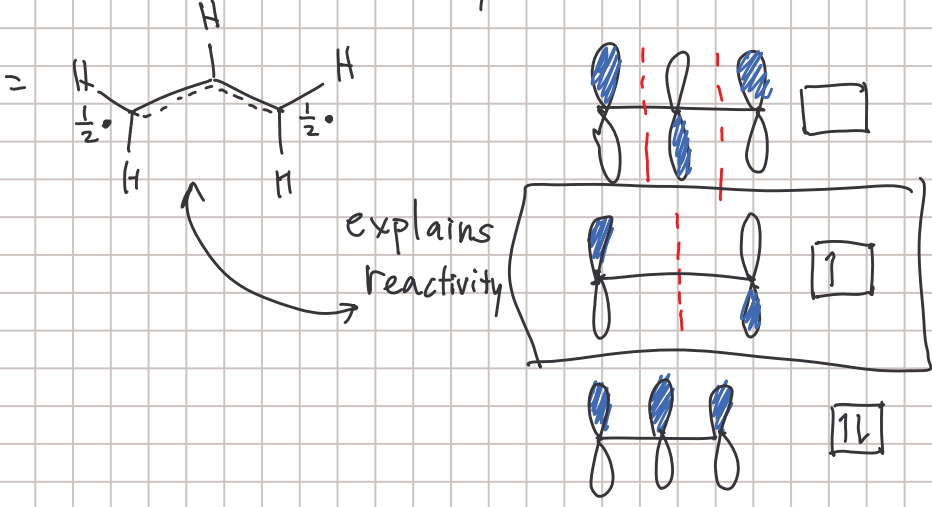
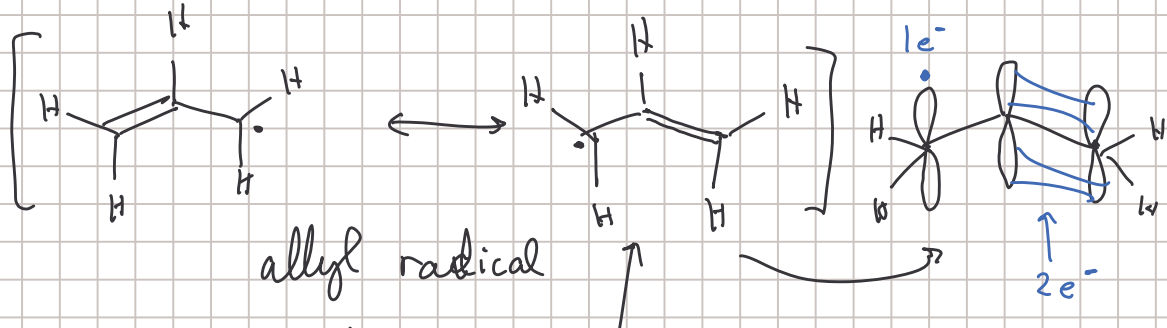
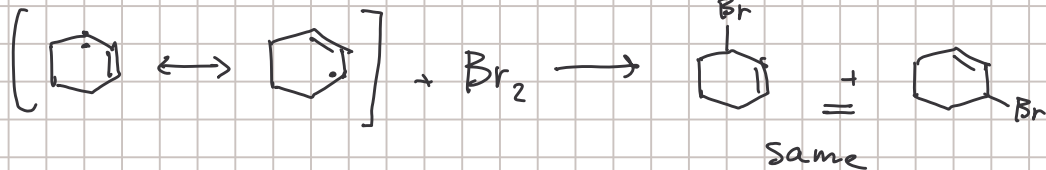
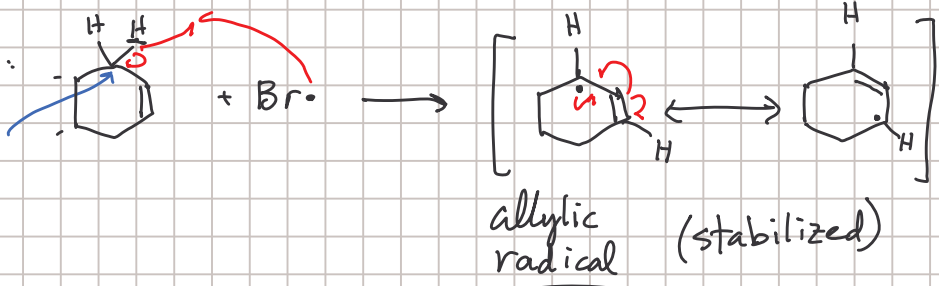


(allylic) photochemical bromination

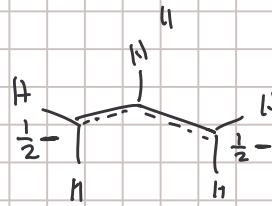
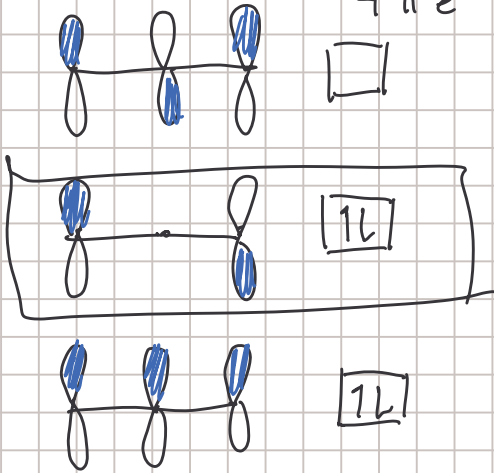
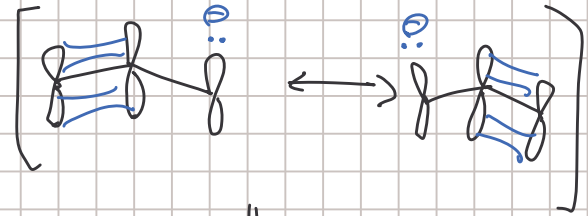
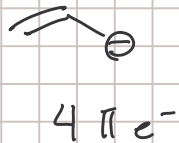


Propagation:

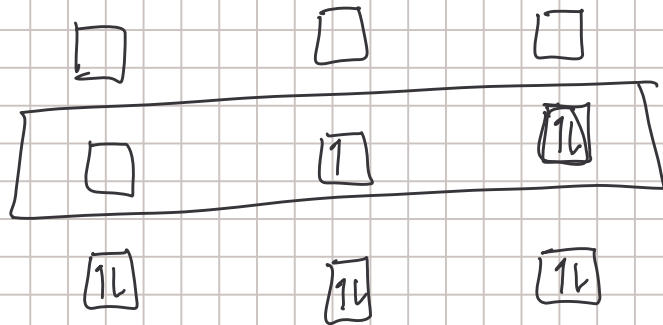
allylic position



Allyl anion



Cation radical anion

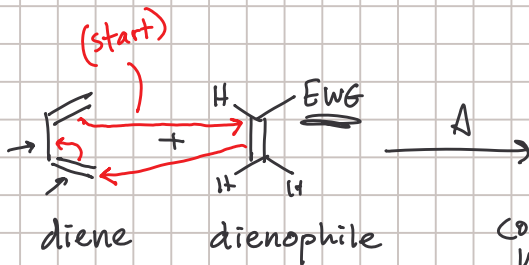


e^- density on end carbons of allylic system

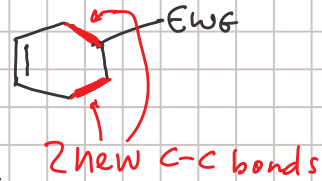
Diels-Alder Reaction

1928 Otto Diels
Kurt Alder

Nobel prize 1950



Concerted mechanism



Cyclohexene

EWG = e^- withdrawing group

