

# Ch 17 Reactions of Aromatic Compounds

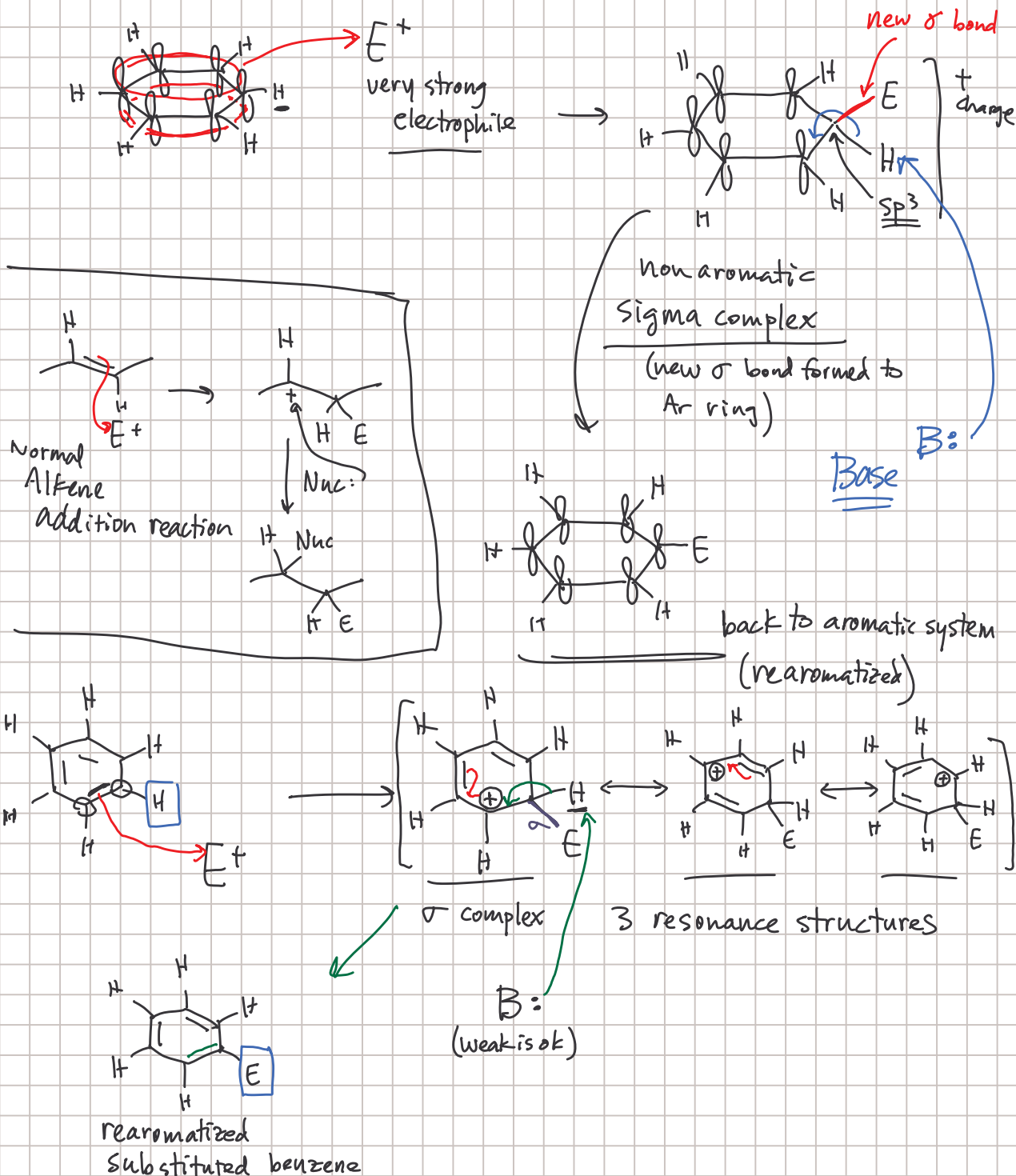
Note Title

2/17/2006

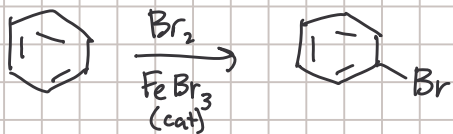
## Electrophilic Aromatic Substitution

( $S_E Ar$ )

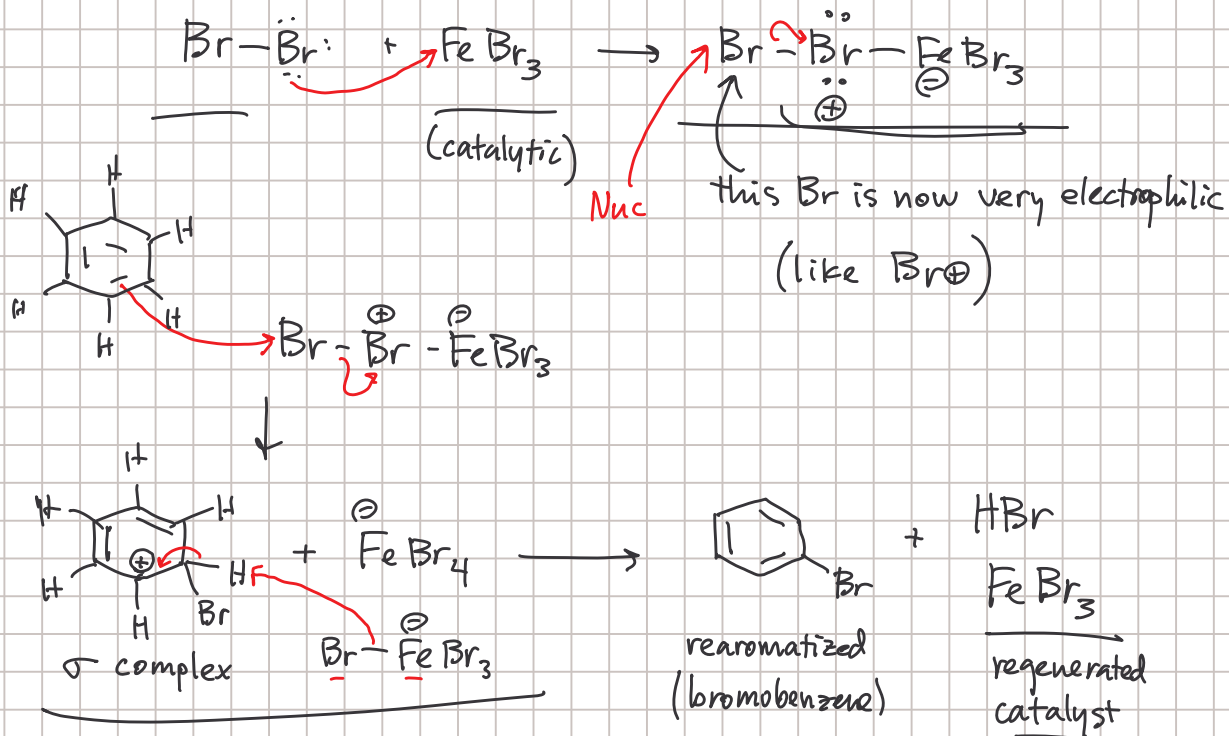
$S_N2$  Nucleophilic 2nd-order Substitution



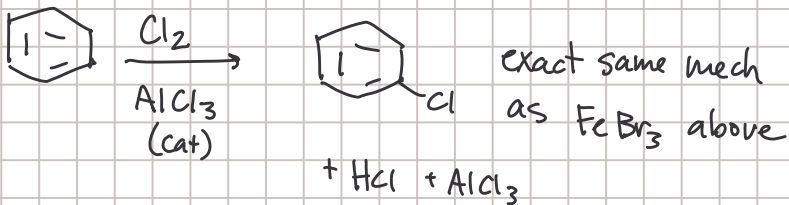
# Bromination of benzene



Br<sub>2</sub> is not a strong enough electrophile to be attacked by benzene



## Chlorination



## Nitration