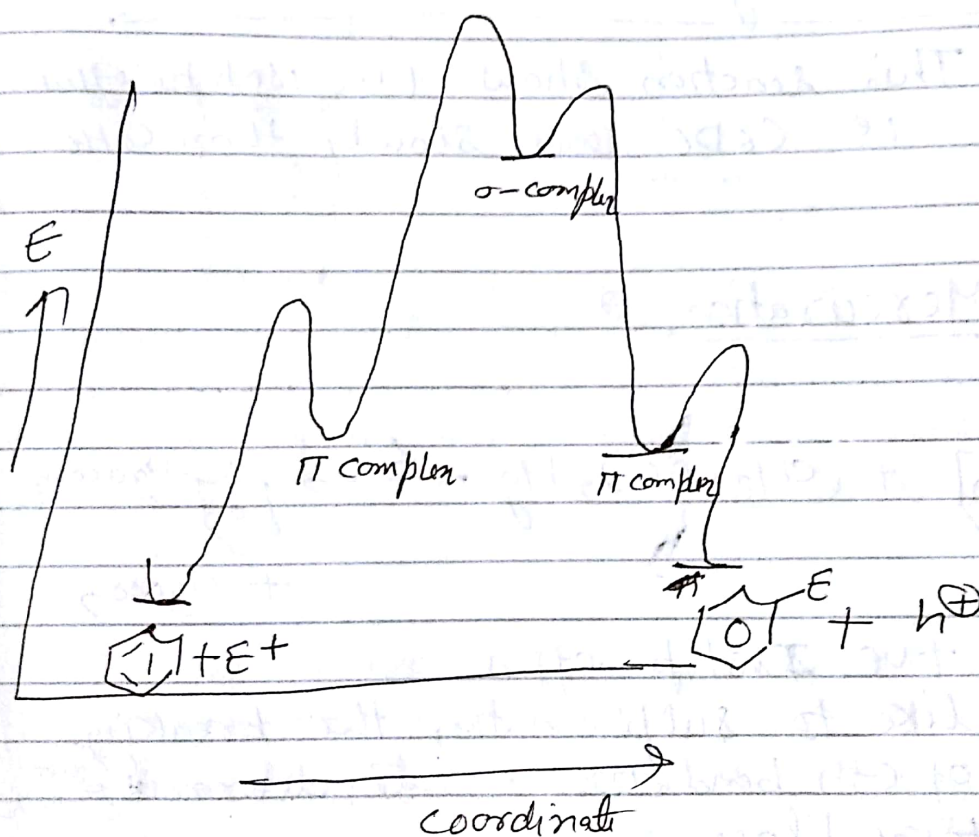
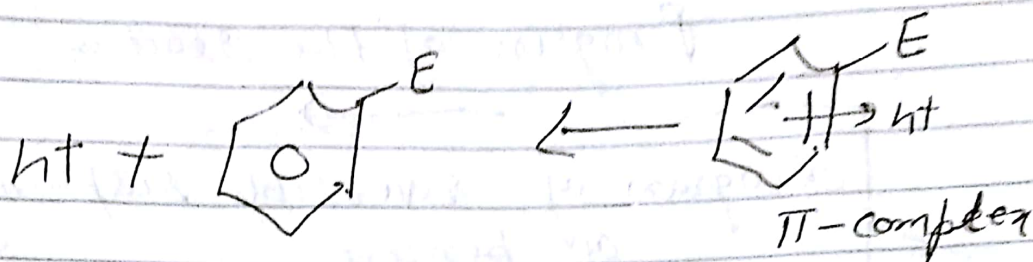
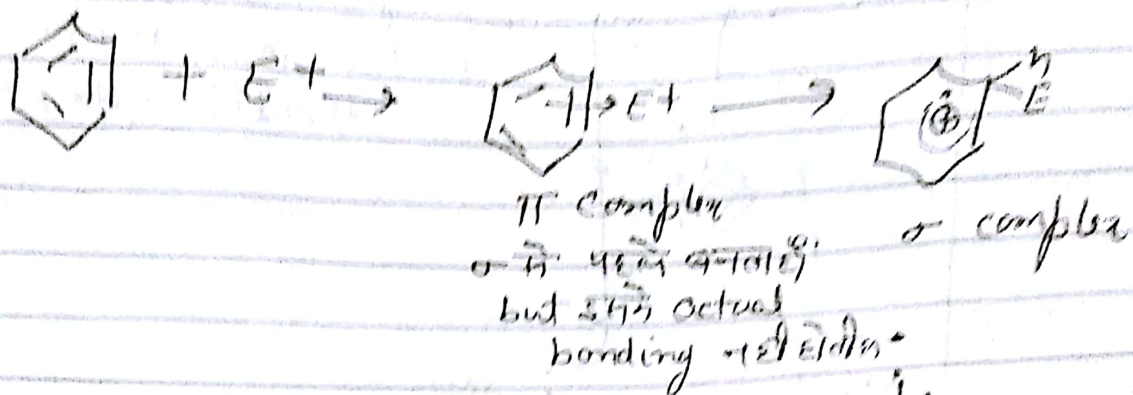
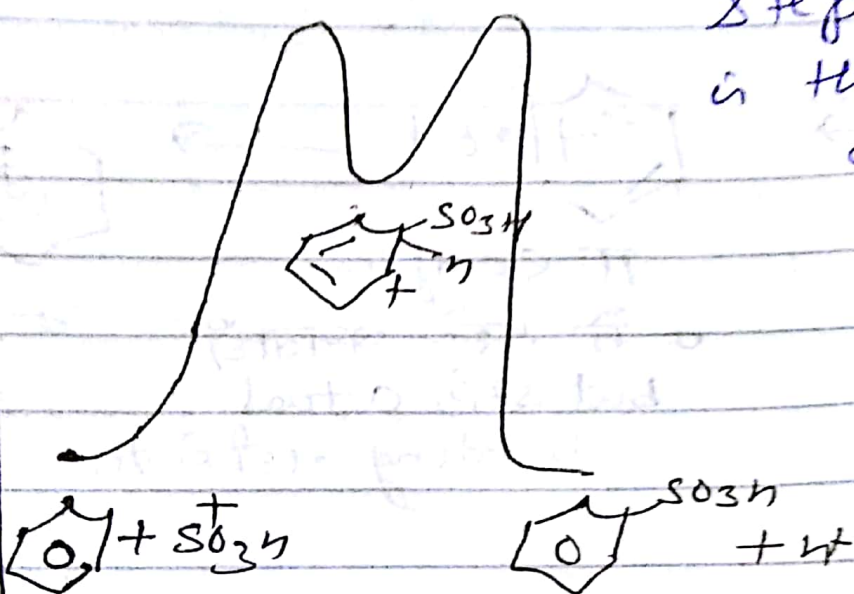


Role of σ & π complexes



Sulphonation

→ It is reversible i.e. T.S.
for the rate determining
step in sulphonation
is the same as in
desulphonation



Progress of the reaction

→
diagram of reversible sulphonation

(*) orientation & reactivity

(X)

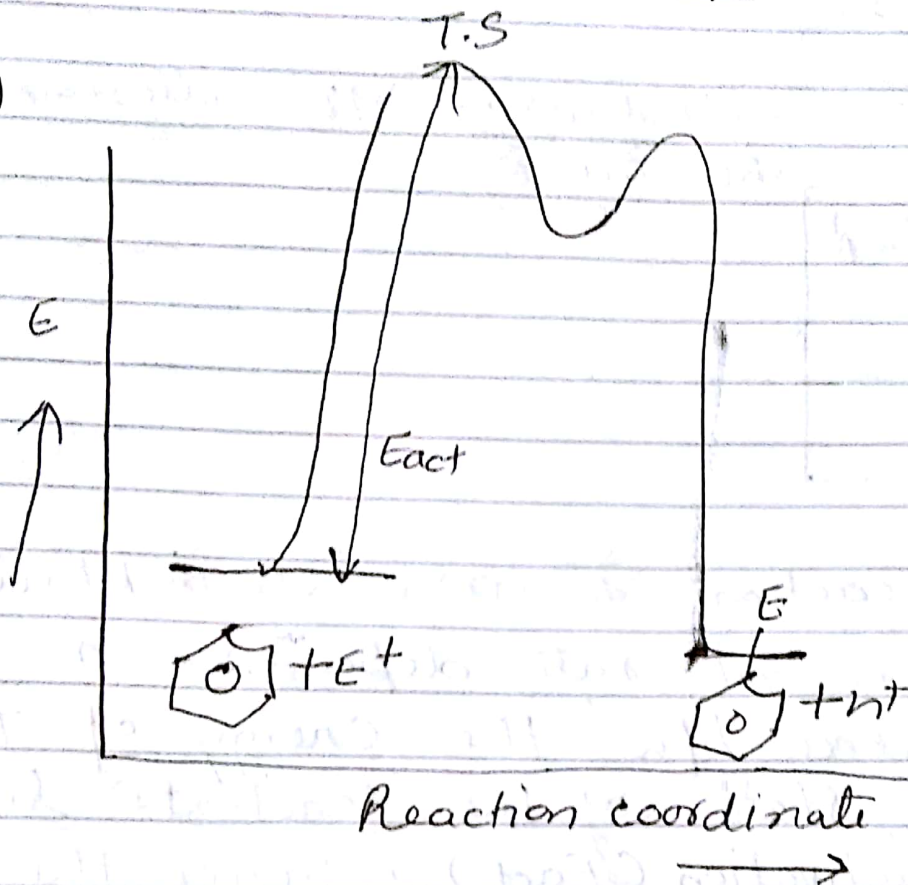


Diagram for a typical E^+ aromatic substitution

→ ~~the~~ orientation coming from the electrophile