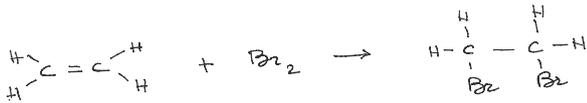
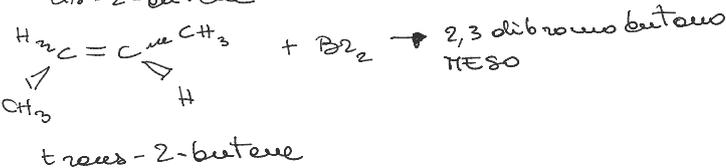
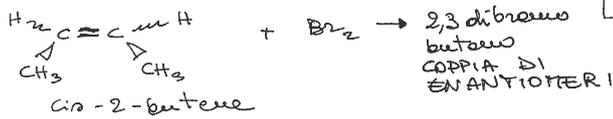
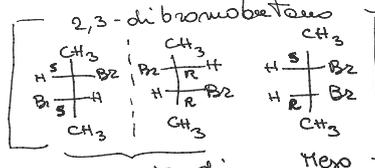


ALOGENAZIONE (Addizione di alogeni Br₂, Cl₂)



1,2-dibromoetano

Reazione non regioselectiva
 REAZIONE STEREOSPECIFICA



Una reazione è stereospecifica quando a partire da un determinato stereoisomero configurazionale nei reagenti fornisce ESCLUSIVAMENTE alcuni stereoisomeri configurazionali nei prodotti.

MECCANISMO DI REAZIONE Brintadjo

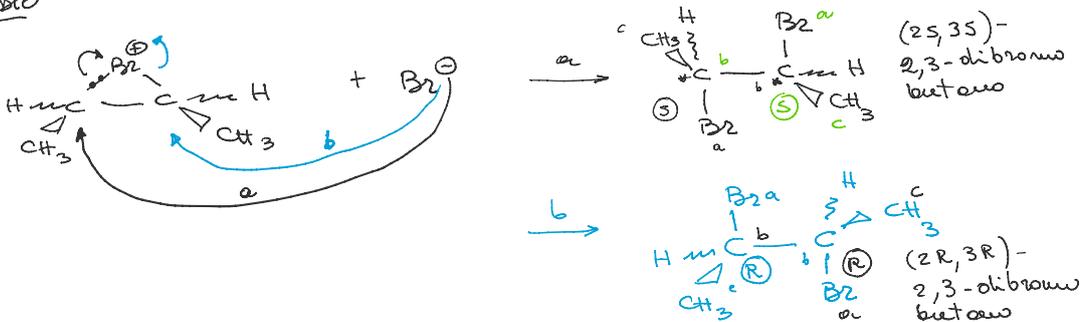
1° STADIO



IONE ALONIO
 (ione bromonio
 ione cloronio)

Intermedio di reazione

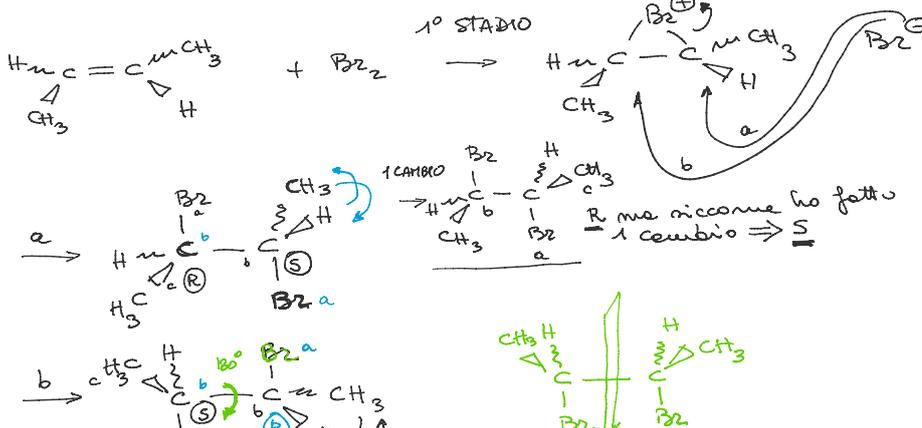
2° STADIO

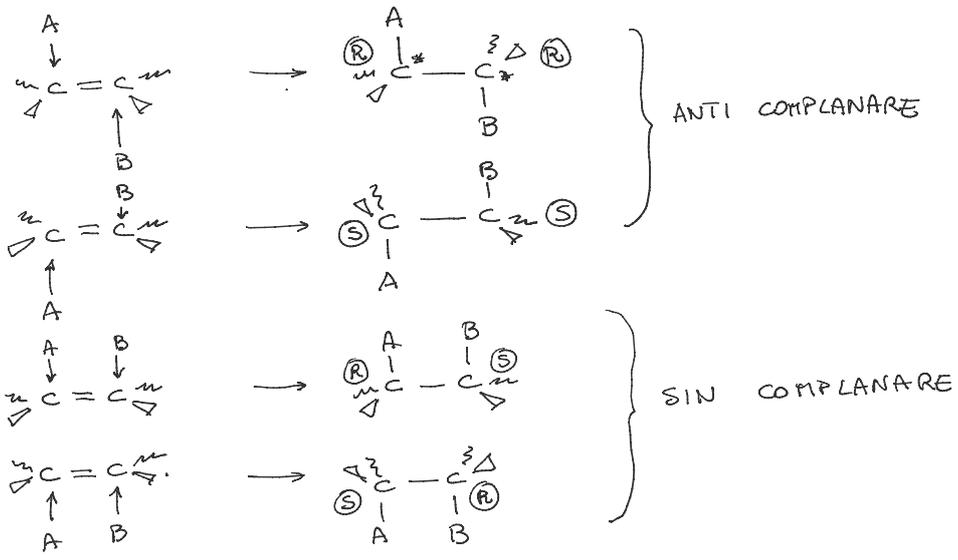
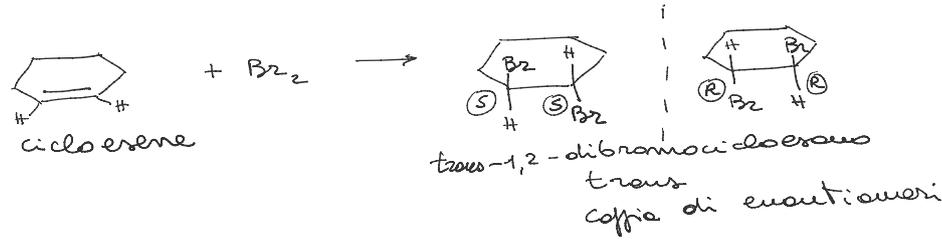
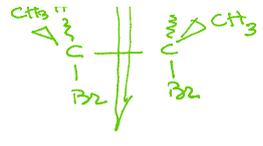
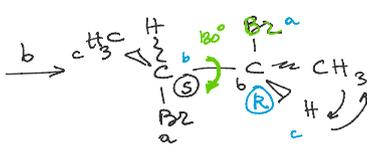


ADDIZIONE ANTI
 COMPLANARE

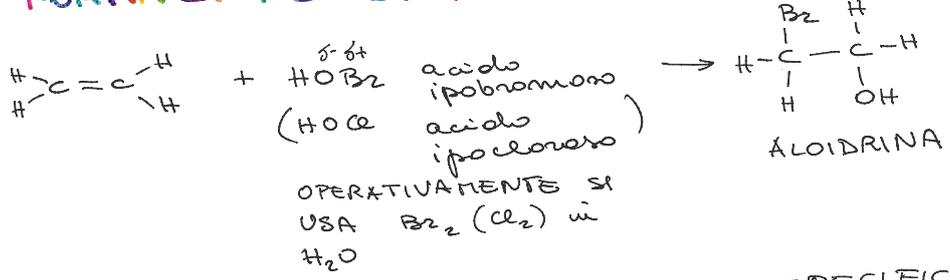
Se utilizzo il trans

2° STADIO

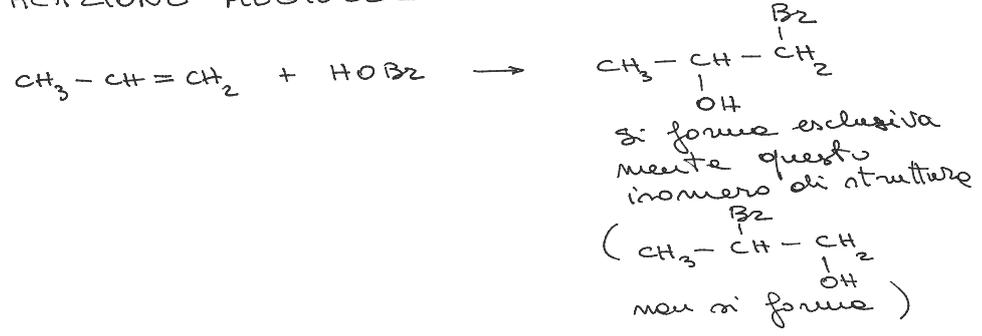




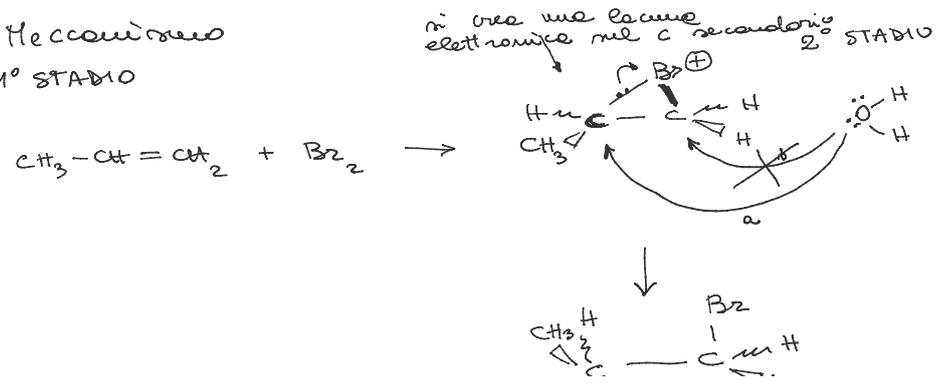
FORMAZIONE DI ALOIDRINE

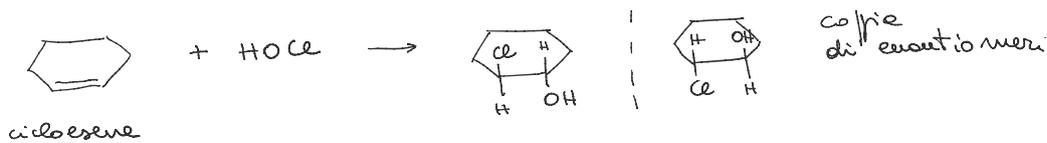
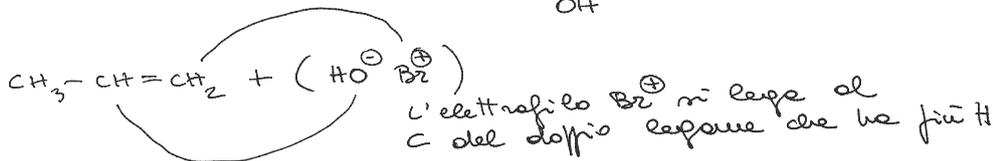
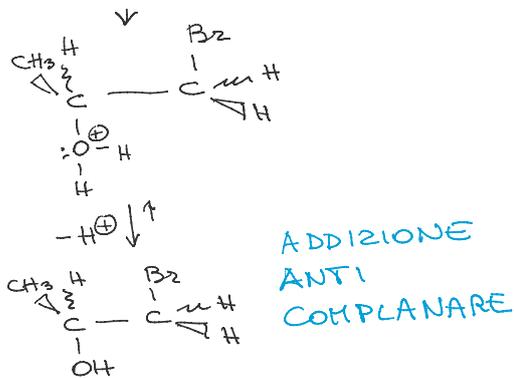


REAZIONE REGIOSELETTIVA e STEREOSPECIFICA

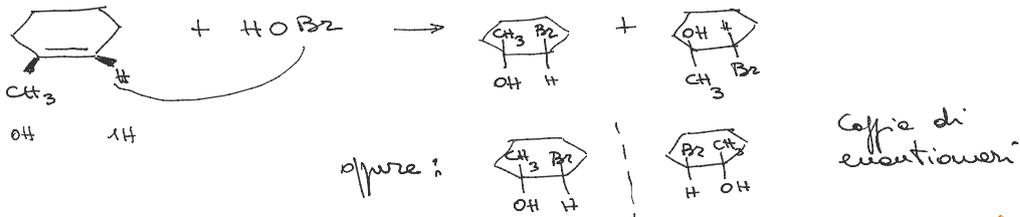


Meccanismo
1° STADIO



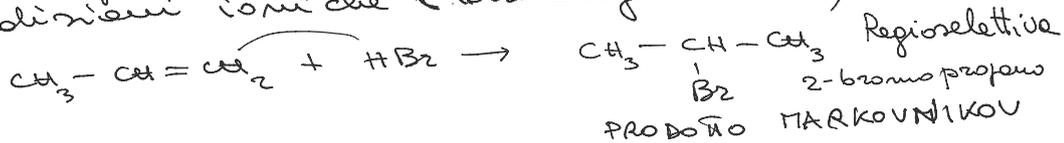


oppure posso scriverli così:

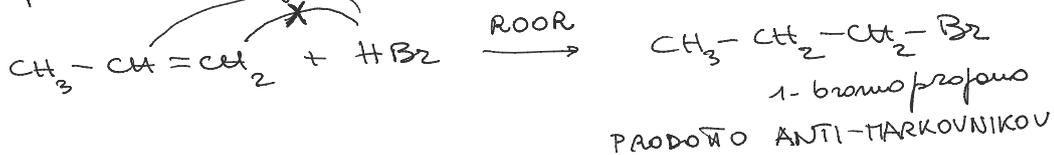


ADDIZIONE DI HBr in CONDIZIONI RADICALICHE

Abbiamo già visto il meccanismo e l'addizione di HBr in condizioni ioniche (idroalogenazione)



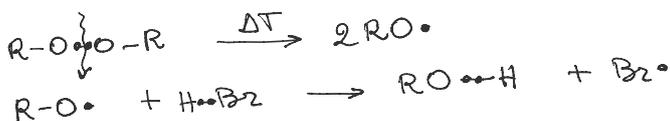
In presenza di perossidi:



MECCANISMO

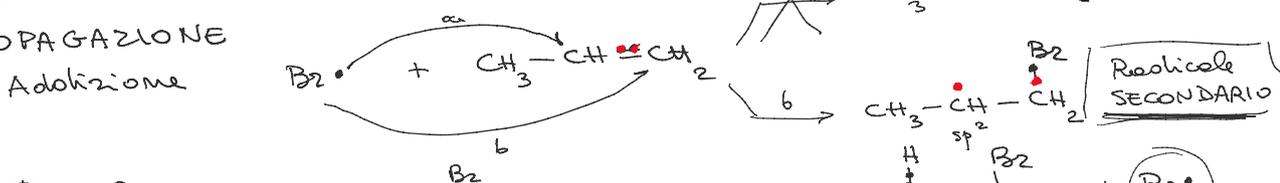
Reazioni Radicaliche \rightarrow Assenza di Solvente
 \rightarrow Alte temperature
 \rightarrow Presenza di ROOR

INIZIAZIONE



PROPAGAZIONE

Addizione



.....

Transfer

