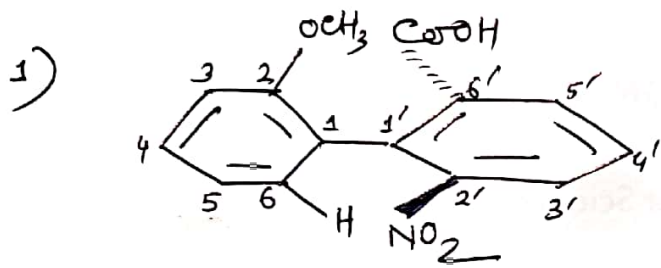


# Some Problem answers on Axial Chirality

Absolute configuration has already been discussed in SEM-I stereochemistry for biphenyl and allene system.

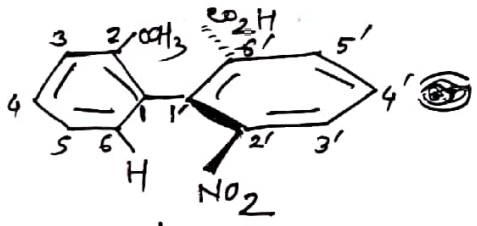
There are few more examples.



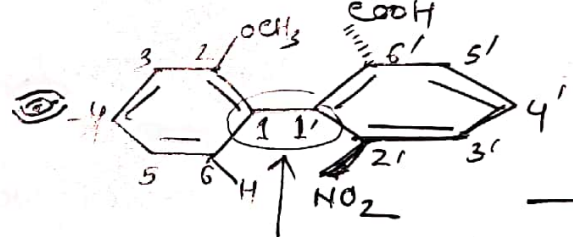
(Find - R/S).

It can be done by following two ways.

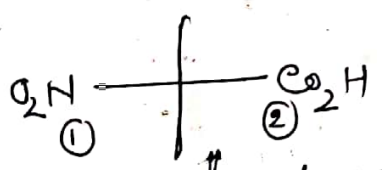
viewed from right side of 1,1'-bond



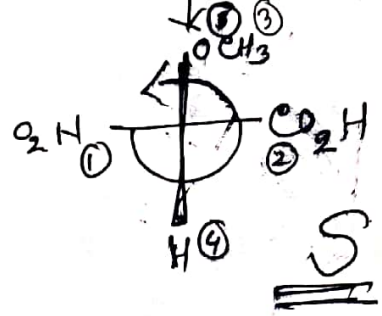
(viewed from left hand side along the 1,1'-bond).



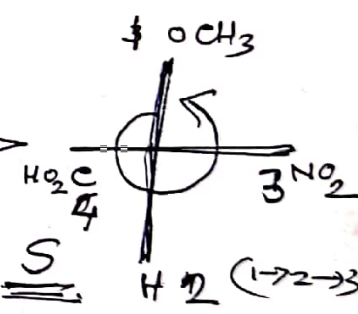
Step-I 1st set  
CO<sub>2</sub>H & NO<sub>2</sub> gr.  
at horizontal



Step-II set OCH<sub>3</sub> & H at vertical position



This pivotal bond is 1,1'  
Left side Right side



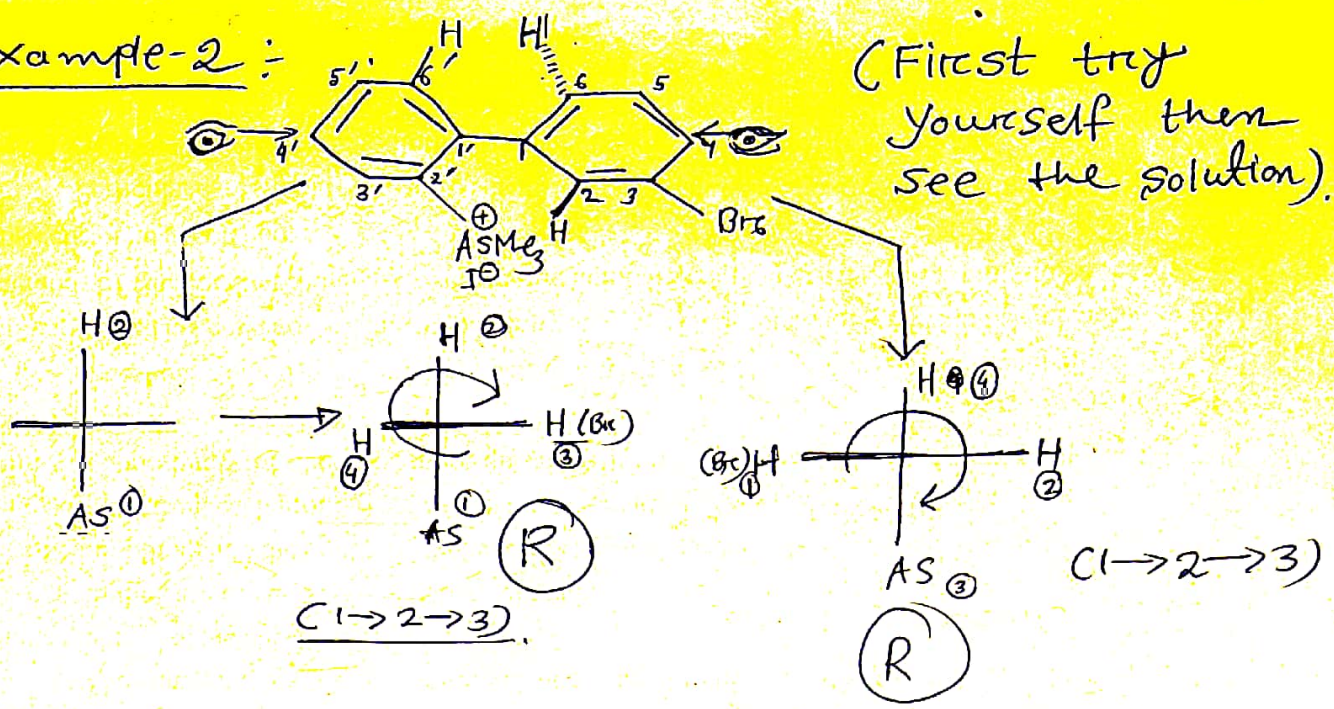
Let explain more

Step-I → Fitting OCH<sub>3</sub> and H group 1st at vertical position  
Step-II → Fitting NO<sub>2</sub> and CO<sub>2</sub>H group at horizontal position



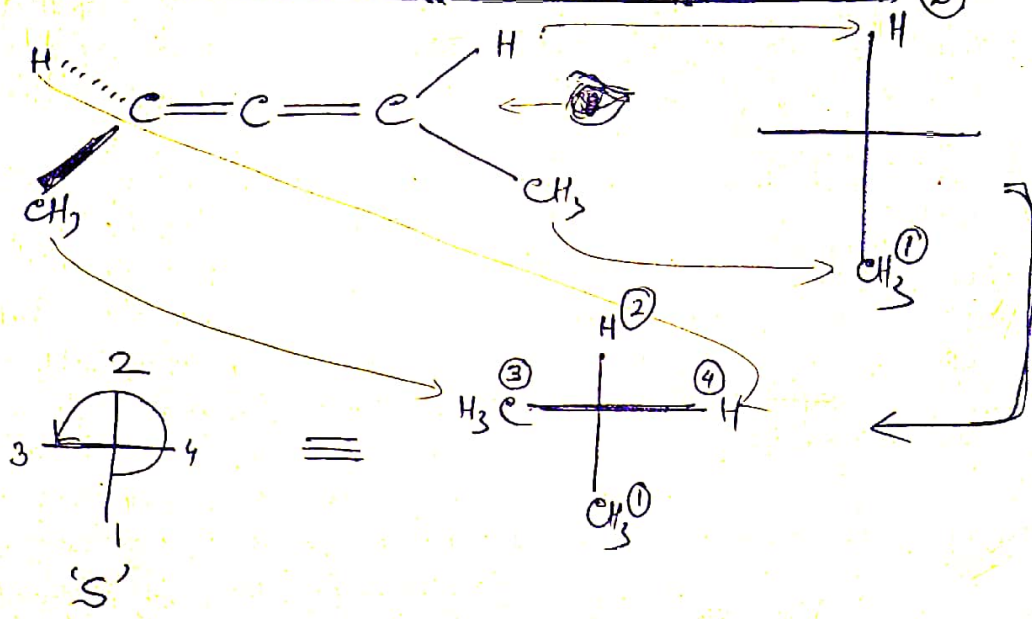
example-2 :

(First try yourself then see the solution)

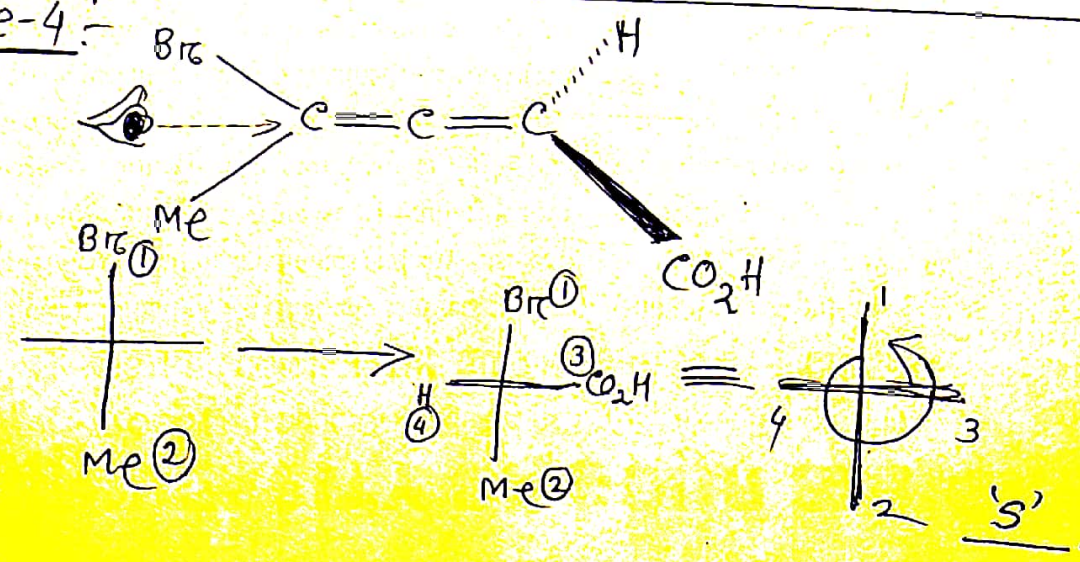


example-3

R/S notation of alkene

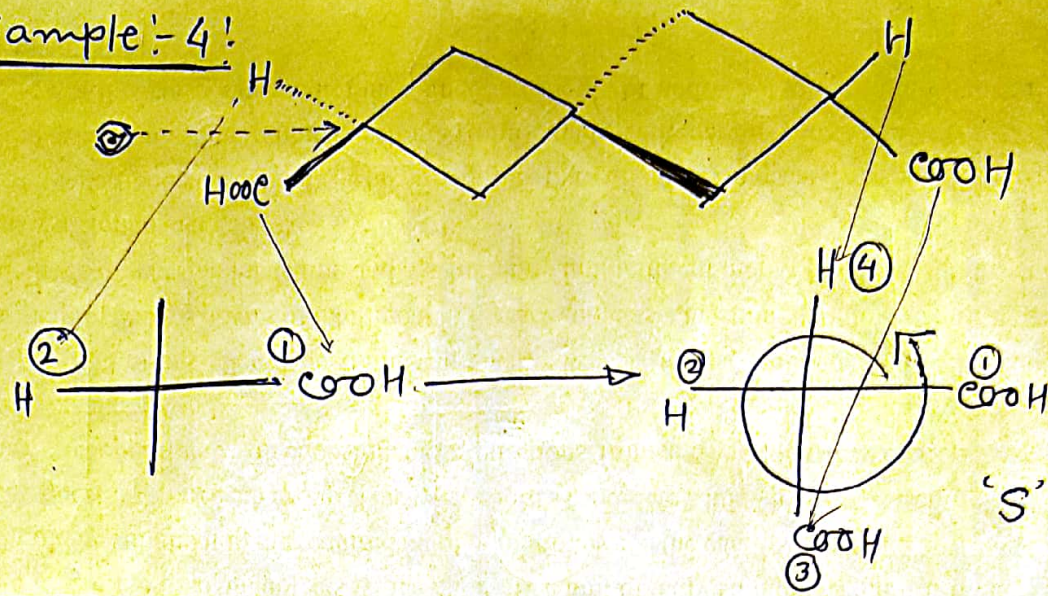


example-4 :

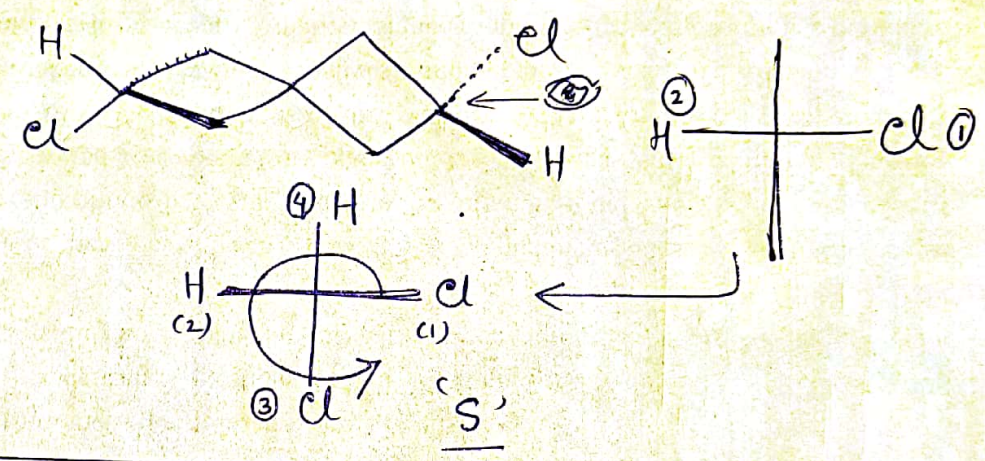




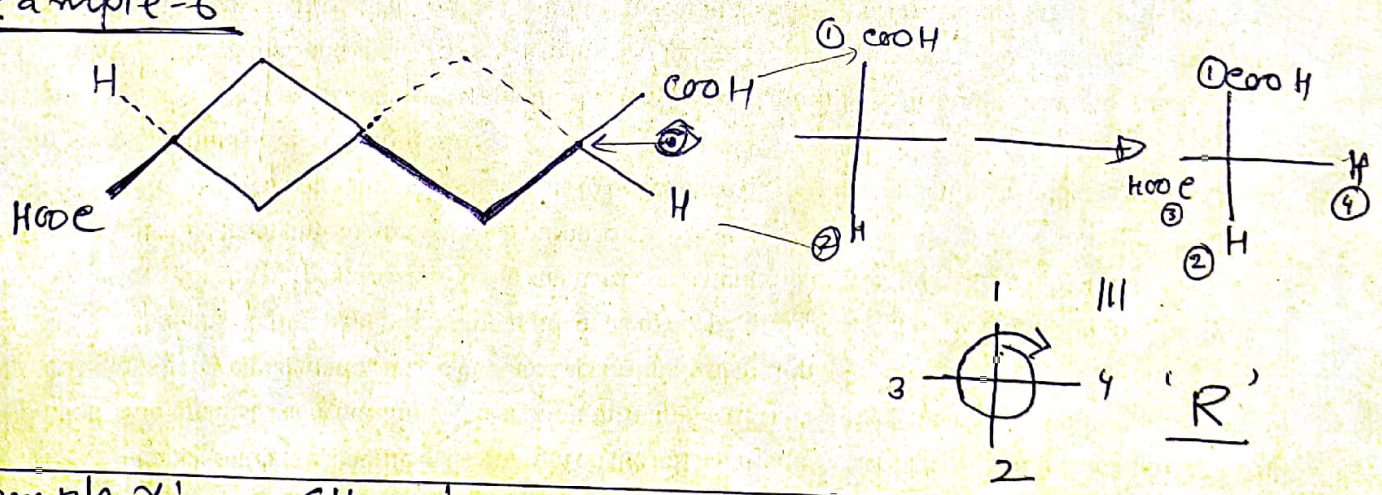
example-4!



example-5!

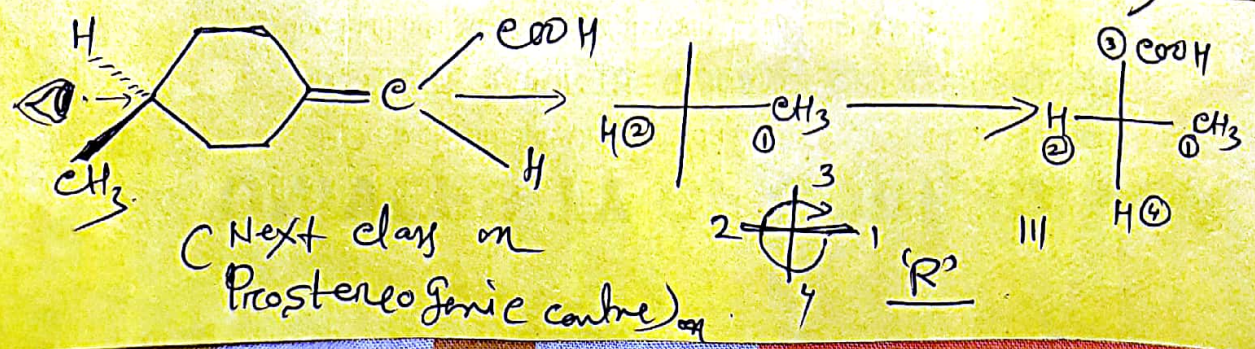


example-6



example-7!

ChemisPittane or alkylidene cyclohexane



(Next class on Prostereogenic centre)