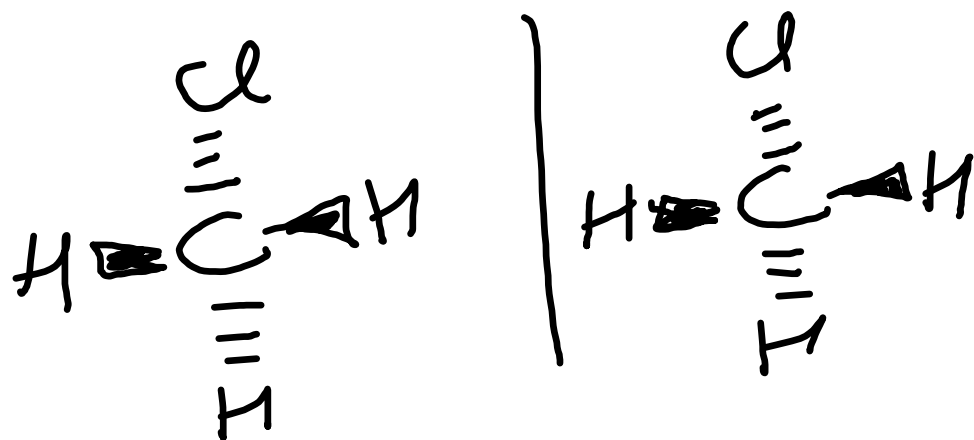


CHAPTER 5 CHIRALITY

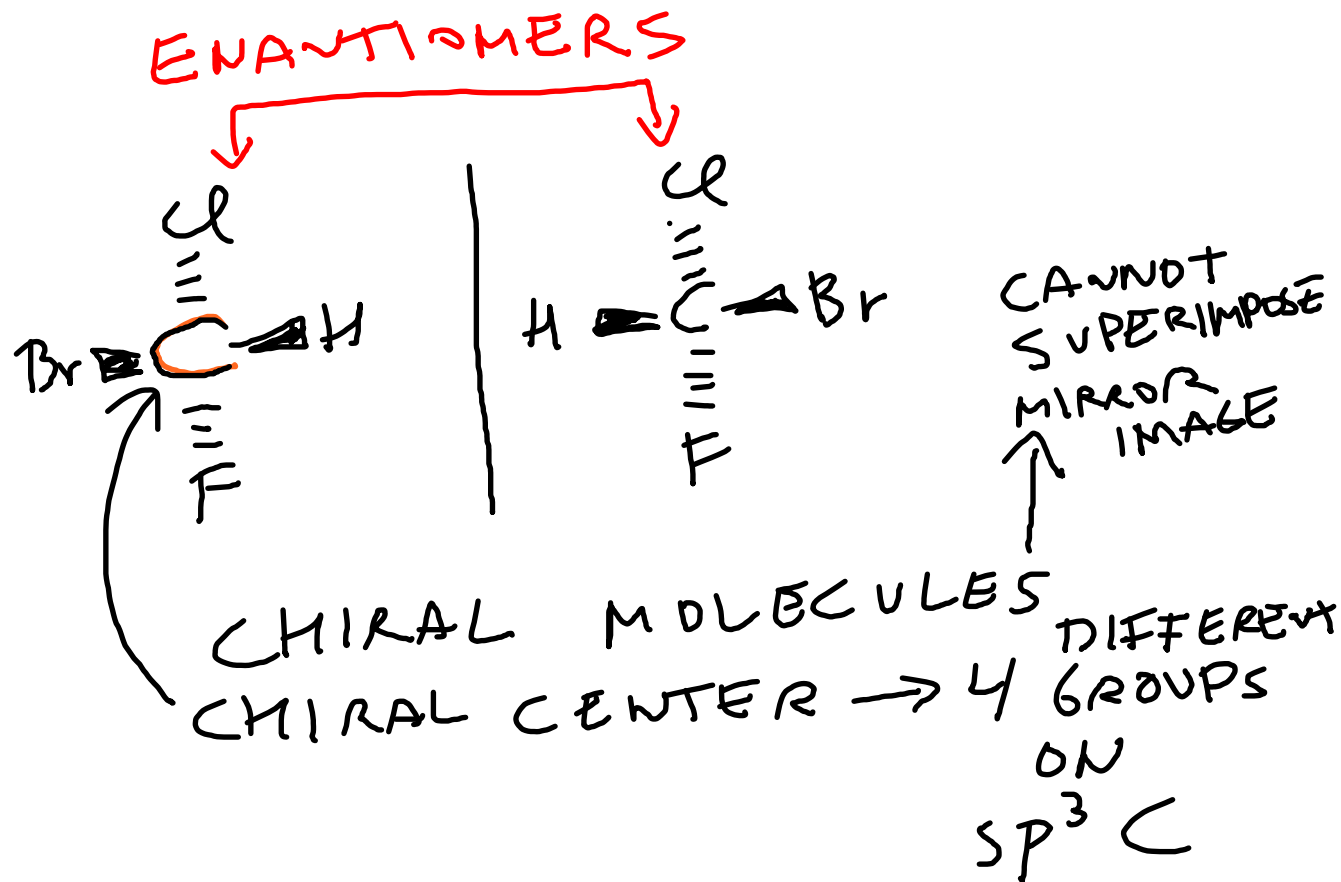


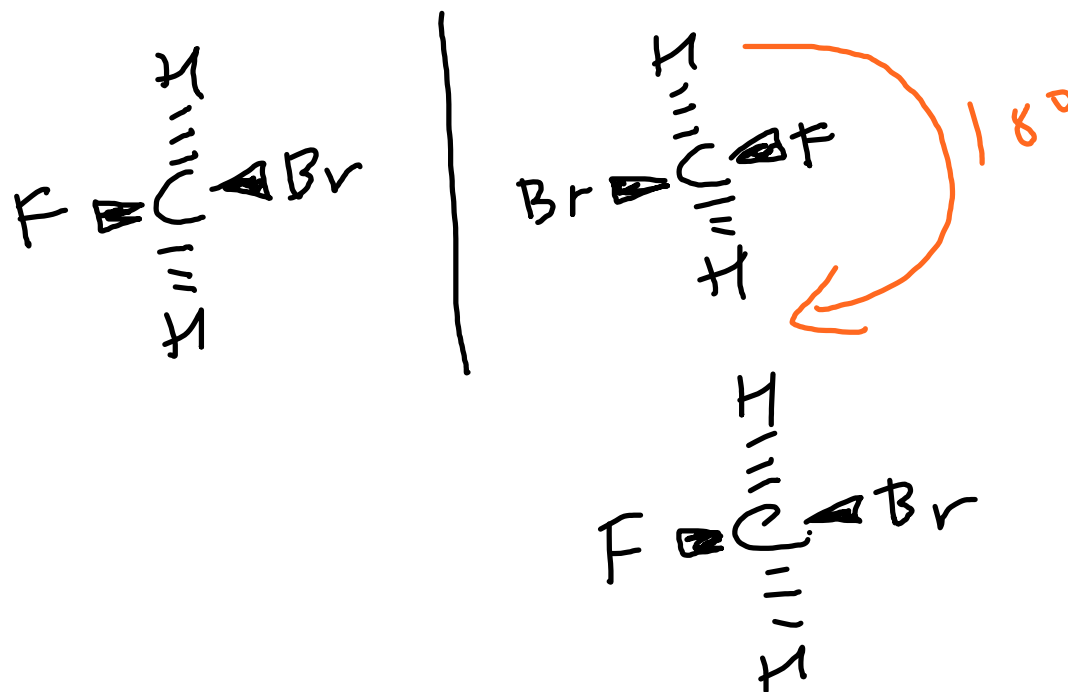


S A M E



SAME





ENANTIOMER PROPERTIES

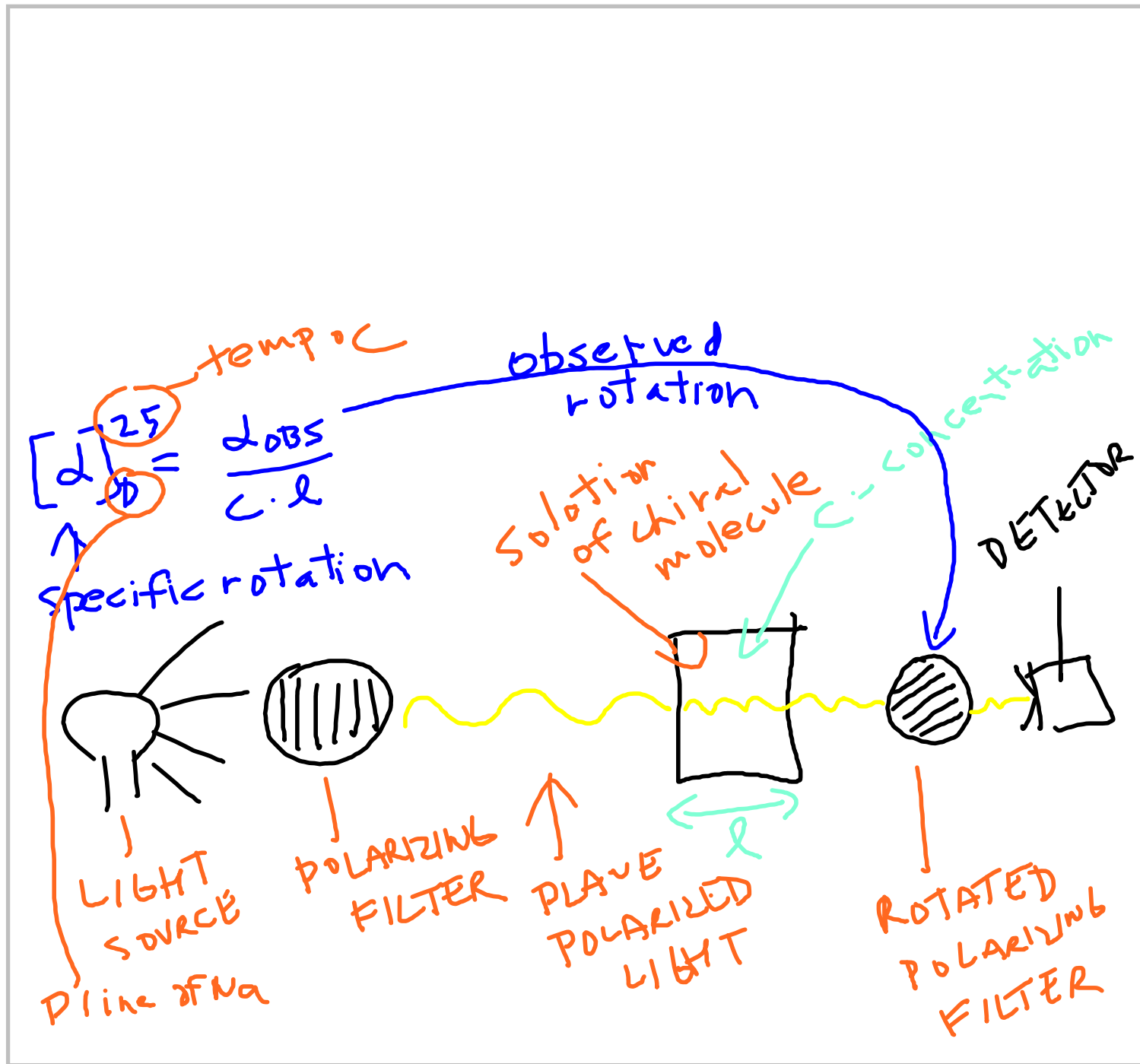
- same m.p., b.p.

- WILL ROTATE PLANE

POLARIZED LIGHT

IN OPPOSITE DIRECTIONS

BY SAME AMOUNT



OPTICAL ACTIVITY

DEXTROROTATORY \rightarrow WILL ROTATE
 $d (+)$ PLANE POLARIZED LIGHT
TO RIGHT

LEVOROTATORY \rightarrow WILL ROTATE
 $l (-)$ PLANE POLARIZED
LIGHT TO LEFT