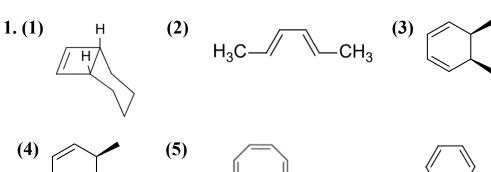
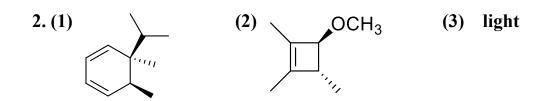
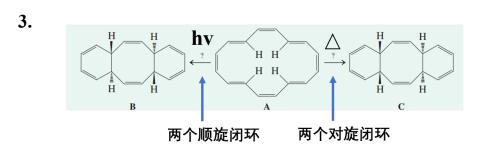
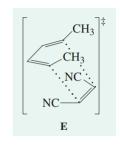
练习五(Pericyclic Reactions)参考答案







4. Diels-Alder cycloadditions follow the endo rule



So the stereochemistry of 2,4-hexadiene (D) is determined to be cis-trans.

And cis,trans-2,4-hexadiene D must be derived from isomer A by thermal, conrotatory electrocyclic ring opening.

$$CH_3$$
 CH_3
 CH_3
 CH_3
 CH_3

5. conrotatory