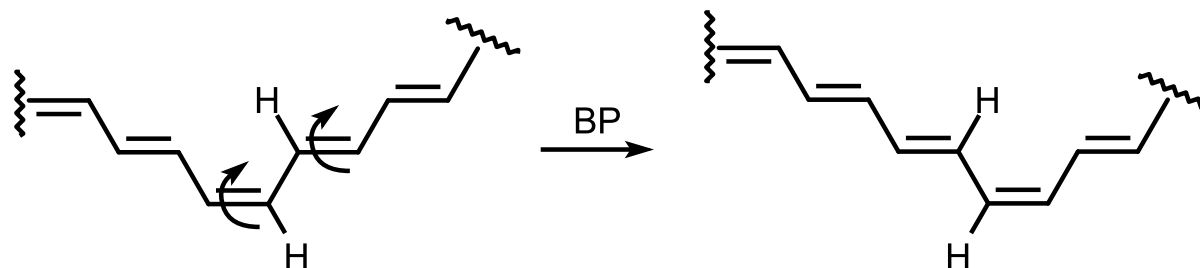


bicycle-pedal (BP) mechanism

Volume-conserving mechanism proposed for the photoisomerization of conjugated double bonds. Two alternating double bonds rotate concertedly with only the two CH units turning in and out of the plane of the molecule.



See also: hula-twist mechanism

Source:

PAC, 2007, 79, 293 (*Glossary of terms used in photochemistry, 3rd edition (IUPAC Recommendations 2006)*) on page 308