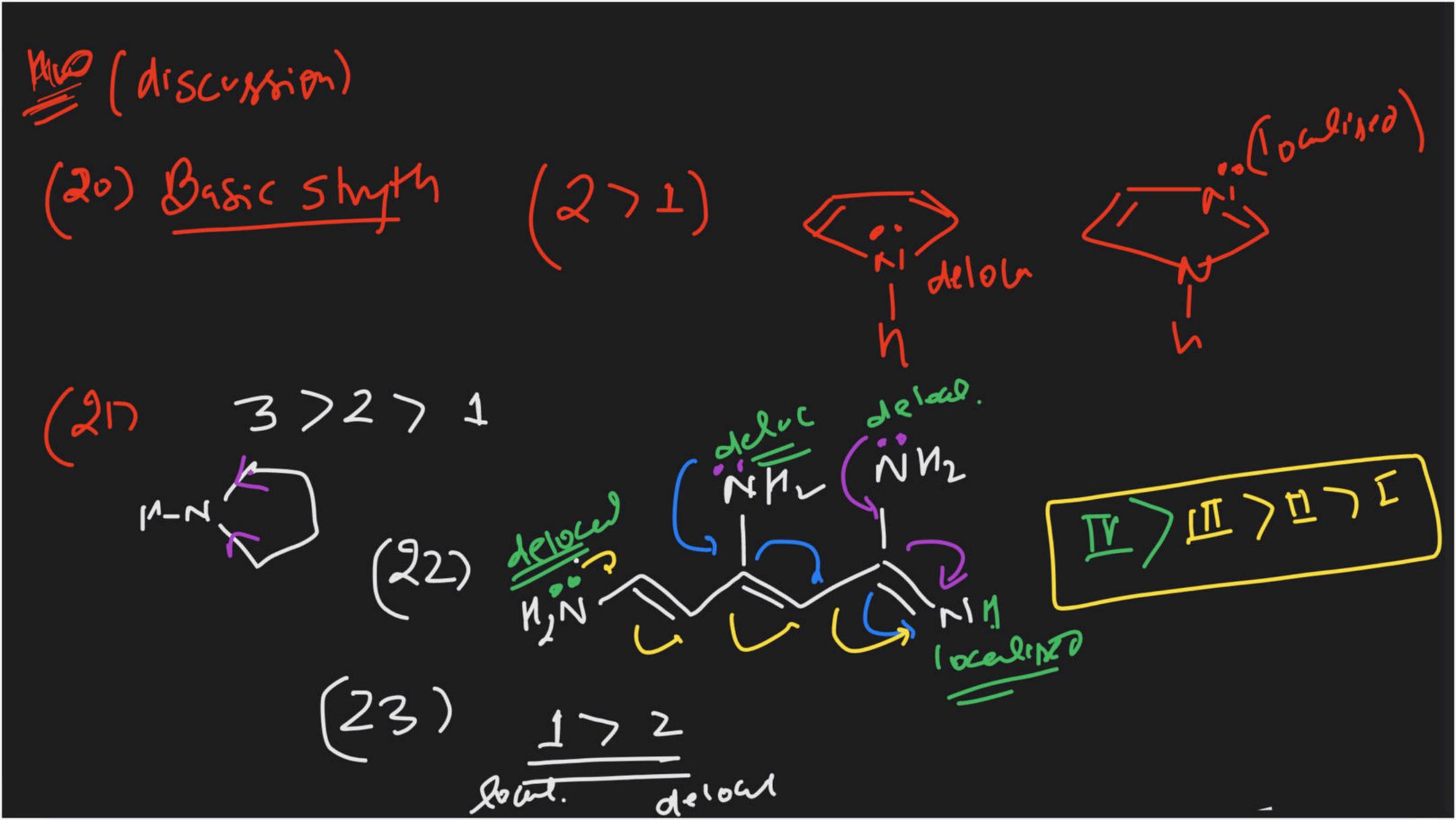
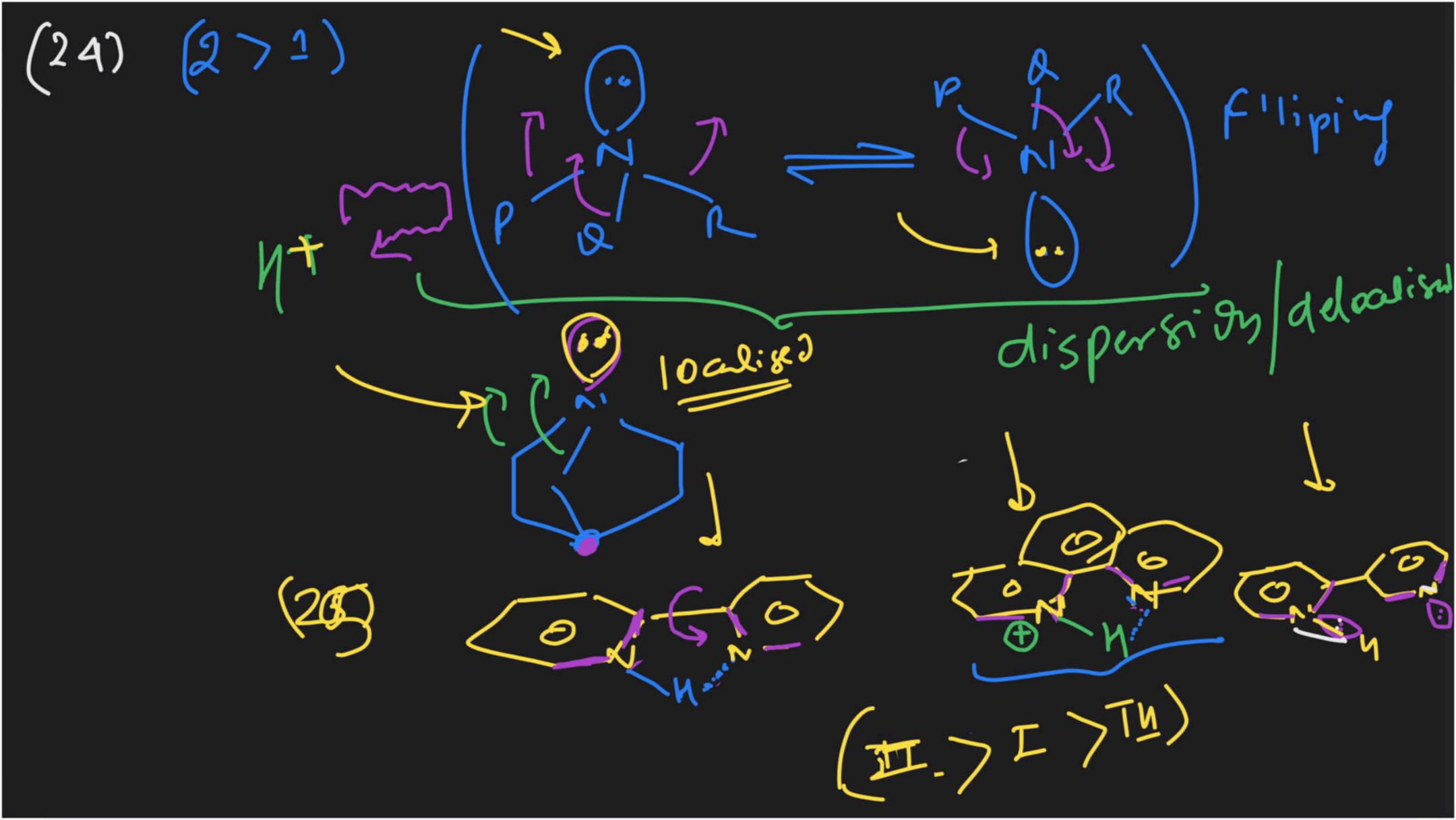
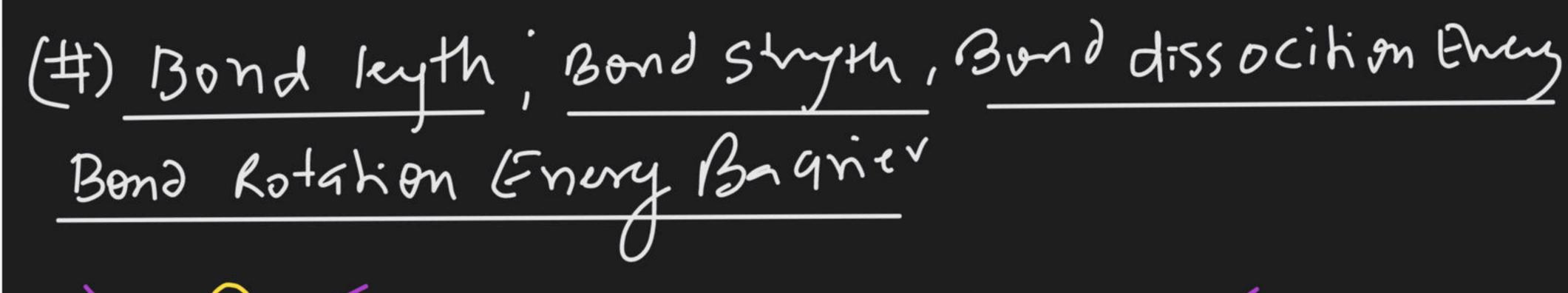


Course on Structural Isomerism & Geometrical Isomerism





(5) 17273 Bahc (6) (my Nh (stable) (my (T) 1 7 Z (4) 172 Phiniph (8) 271 (9) 37271 (10) 17273



Siyle Character

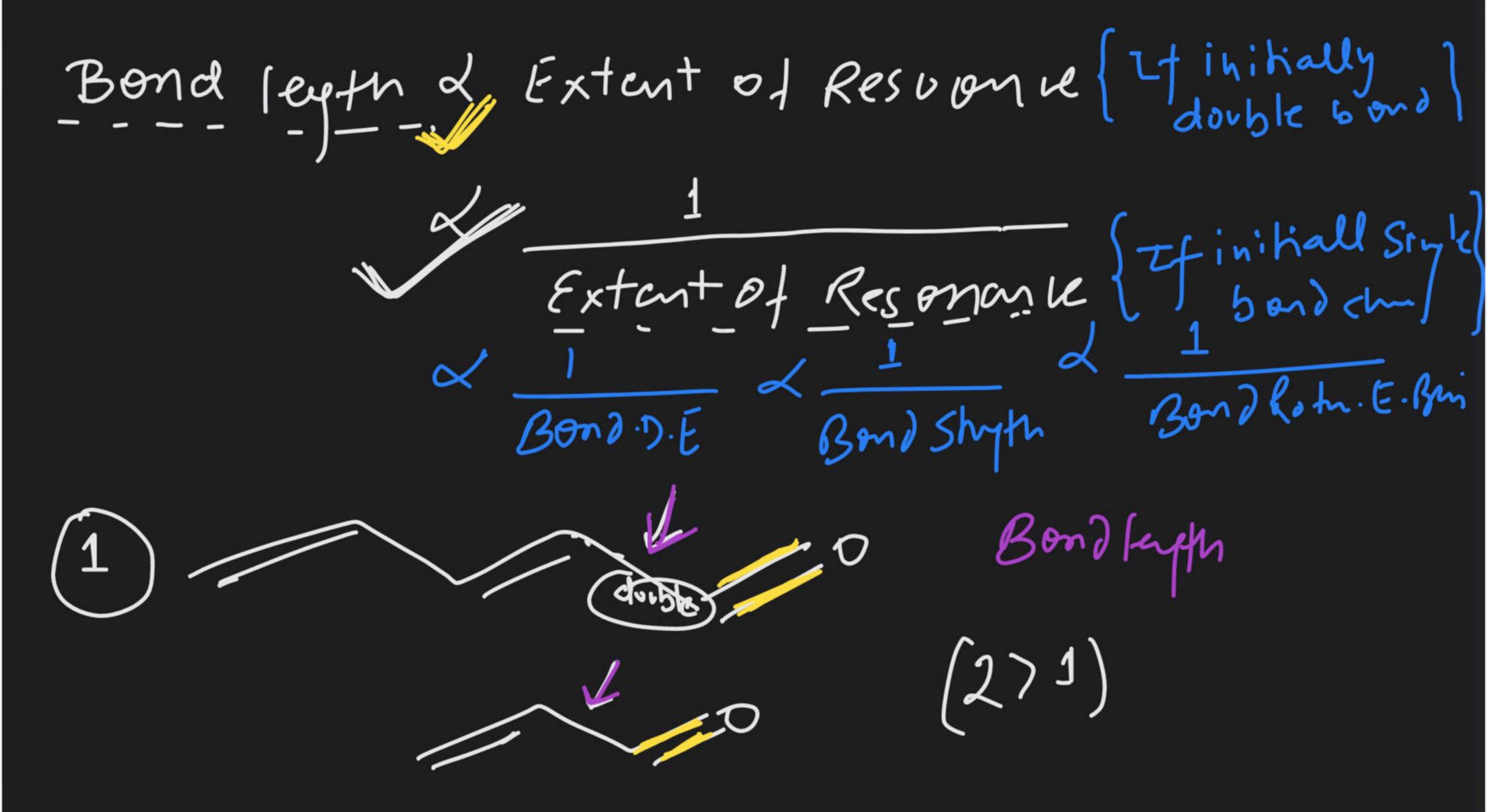
Bond Rotation Enry Barrier 1 Bond length 1 Bond Shifth Bond diss: Enry

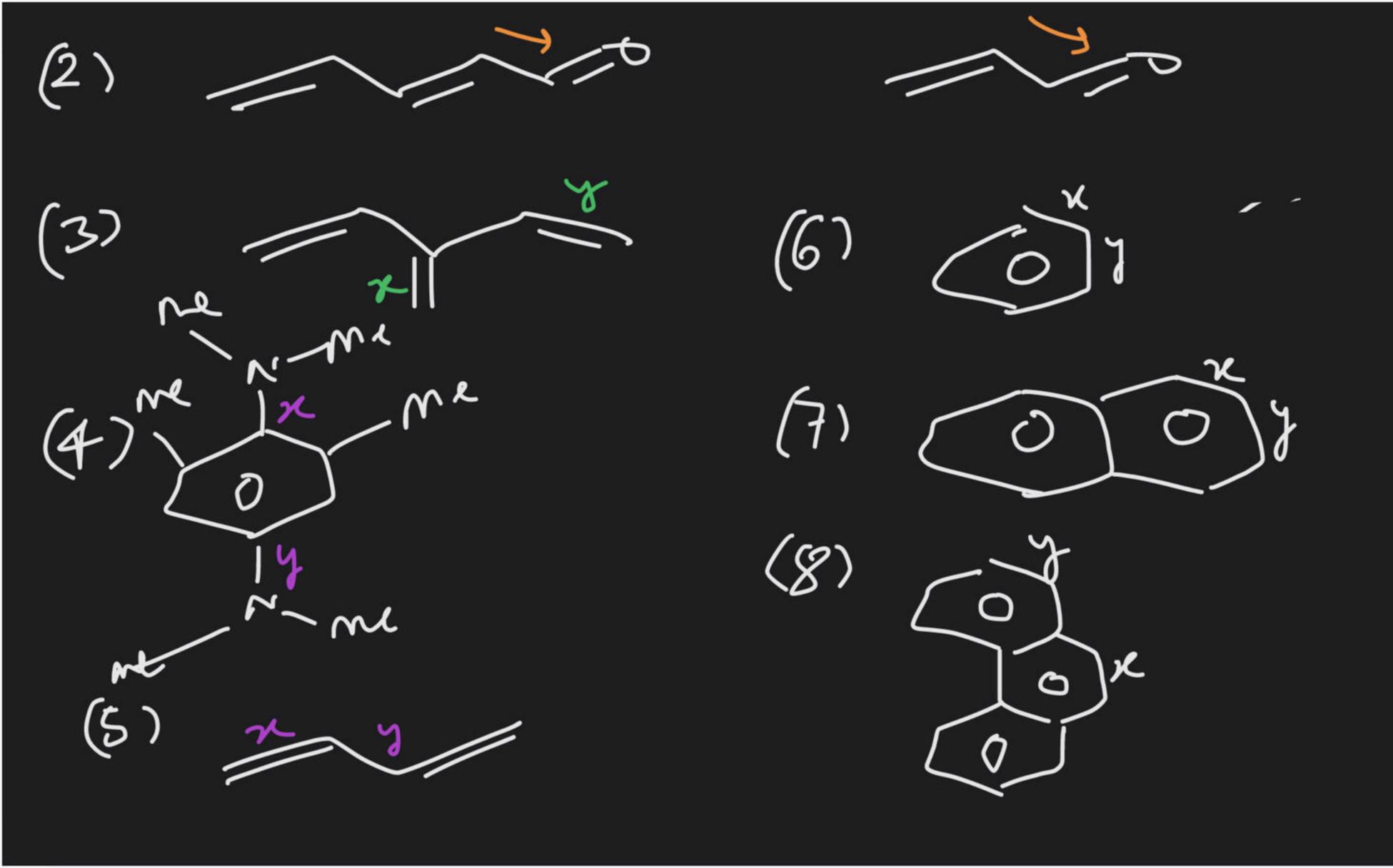


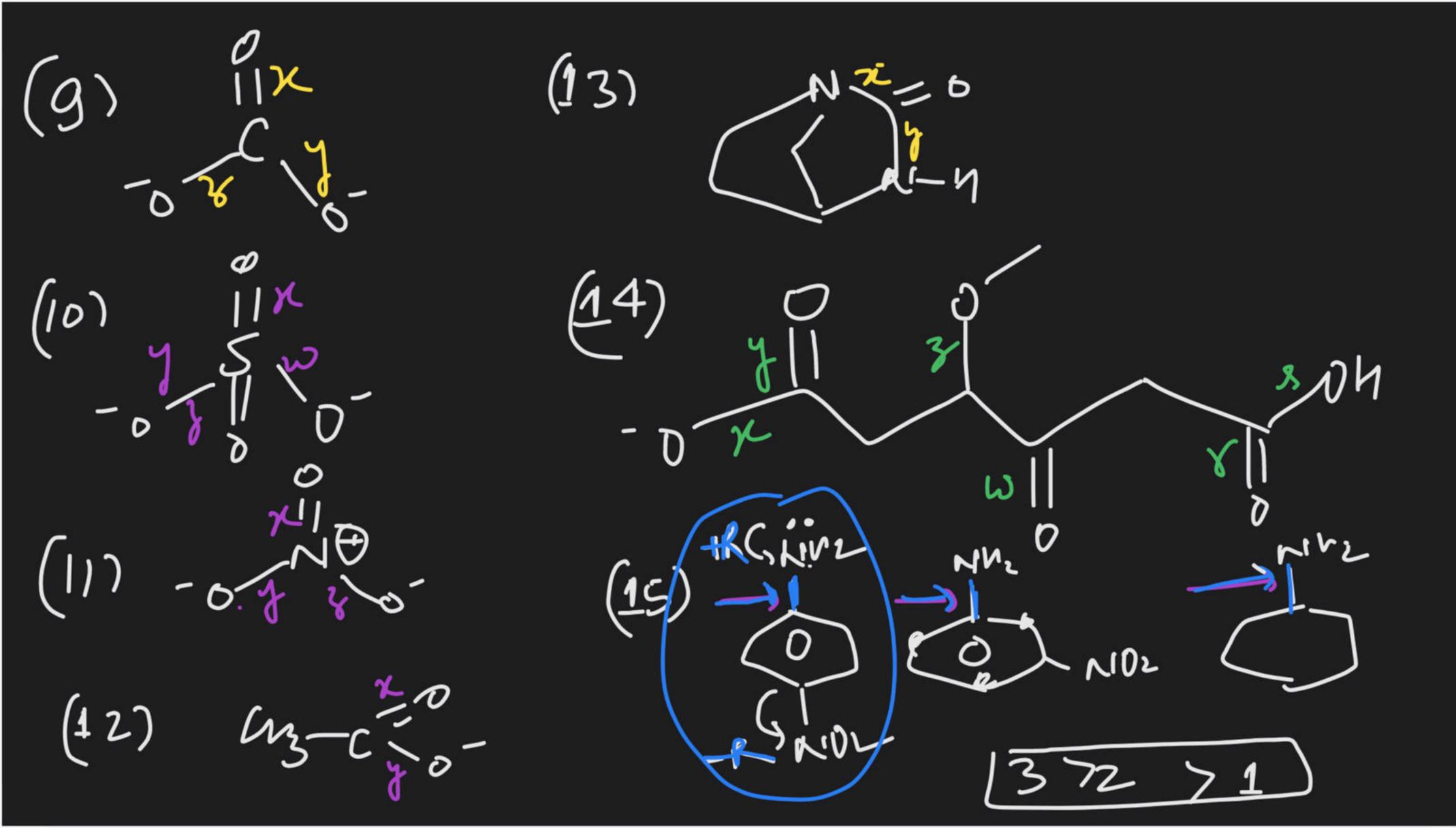
Bond Rotatian Energy Barrier
Bond Juyth

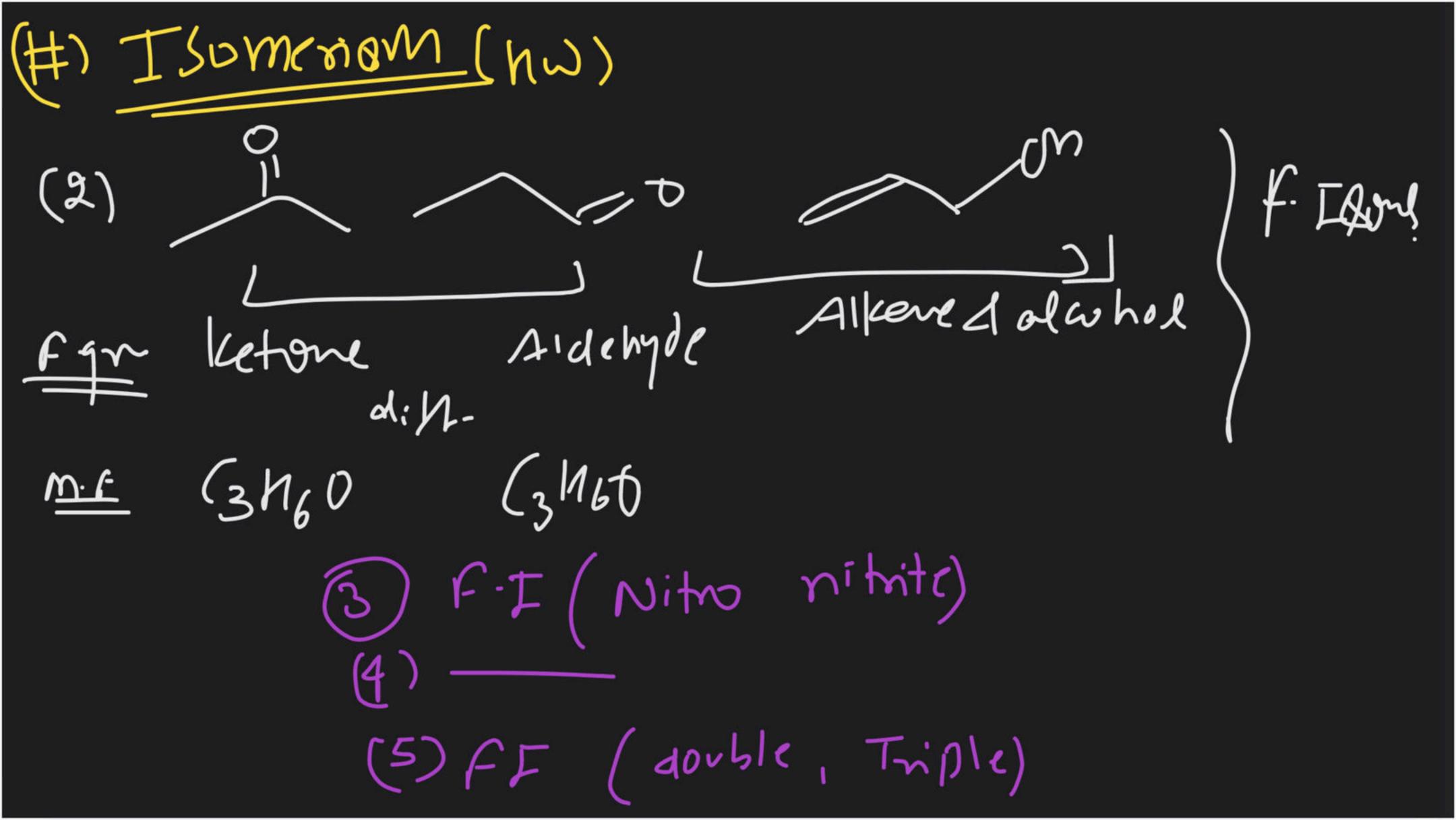
Bond Jiss. En

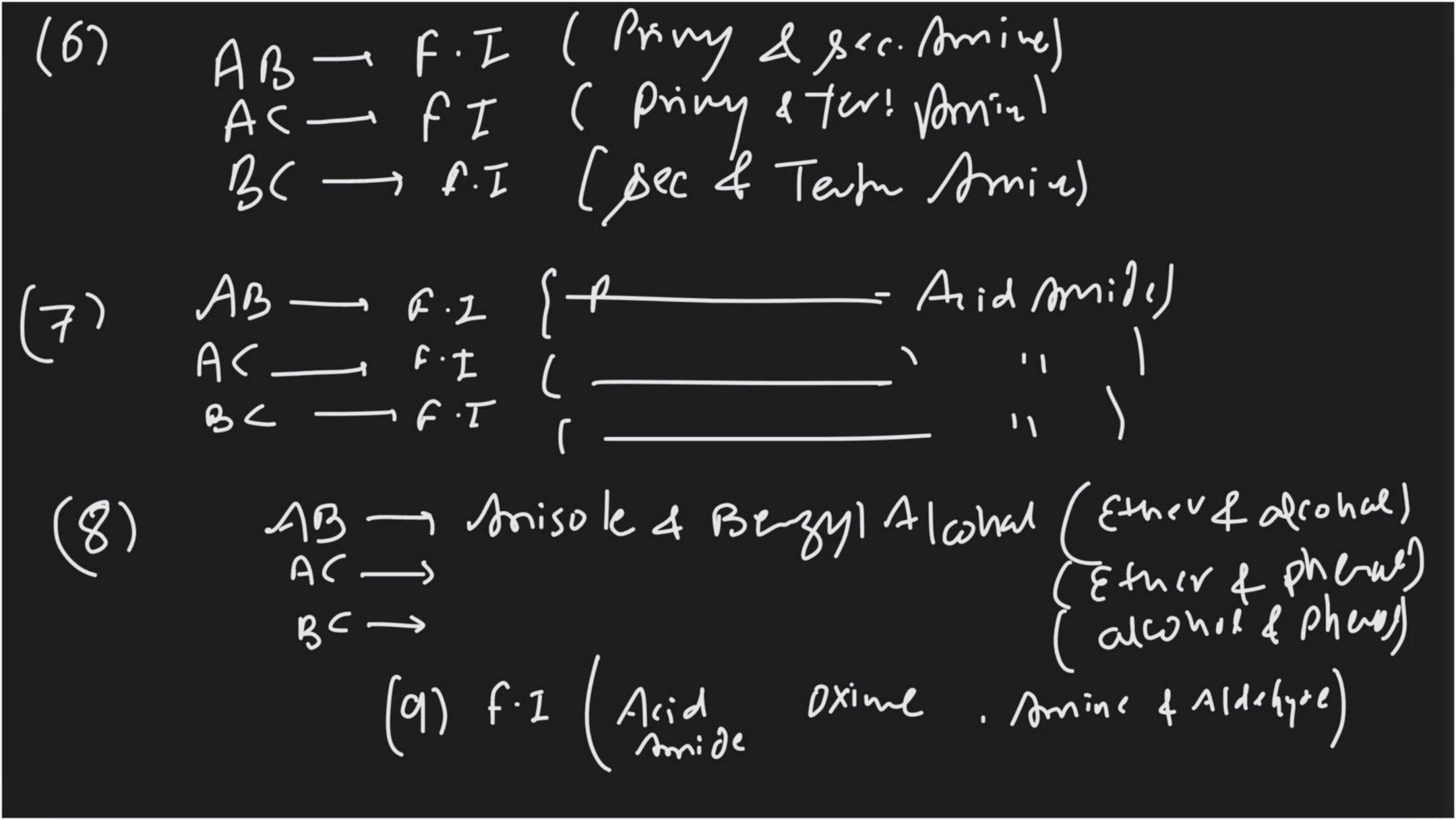
T











Acid nalide) (10) F.Z 12e+one 4 Malido, (12) KI (Acid, Ester) (12) FJ letone 4 Ether, Ester & Ketone, Acid amhydrile) (Sulphonic Suphocsky) (A) Identical Sulphonic Suphocsky) (B) F. I (13) FI (14) FI FI ( thio) thio Ety)

(16) FI ( laton, Ether f est) (A) FI

(17) FI ( Amire, Imire) (18) FF ( Amire)

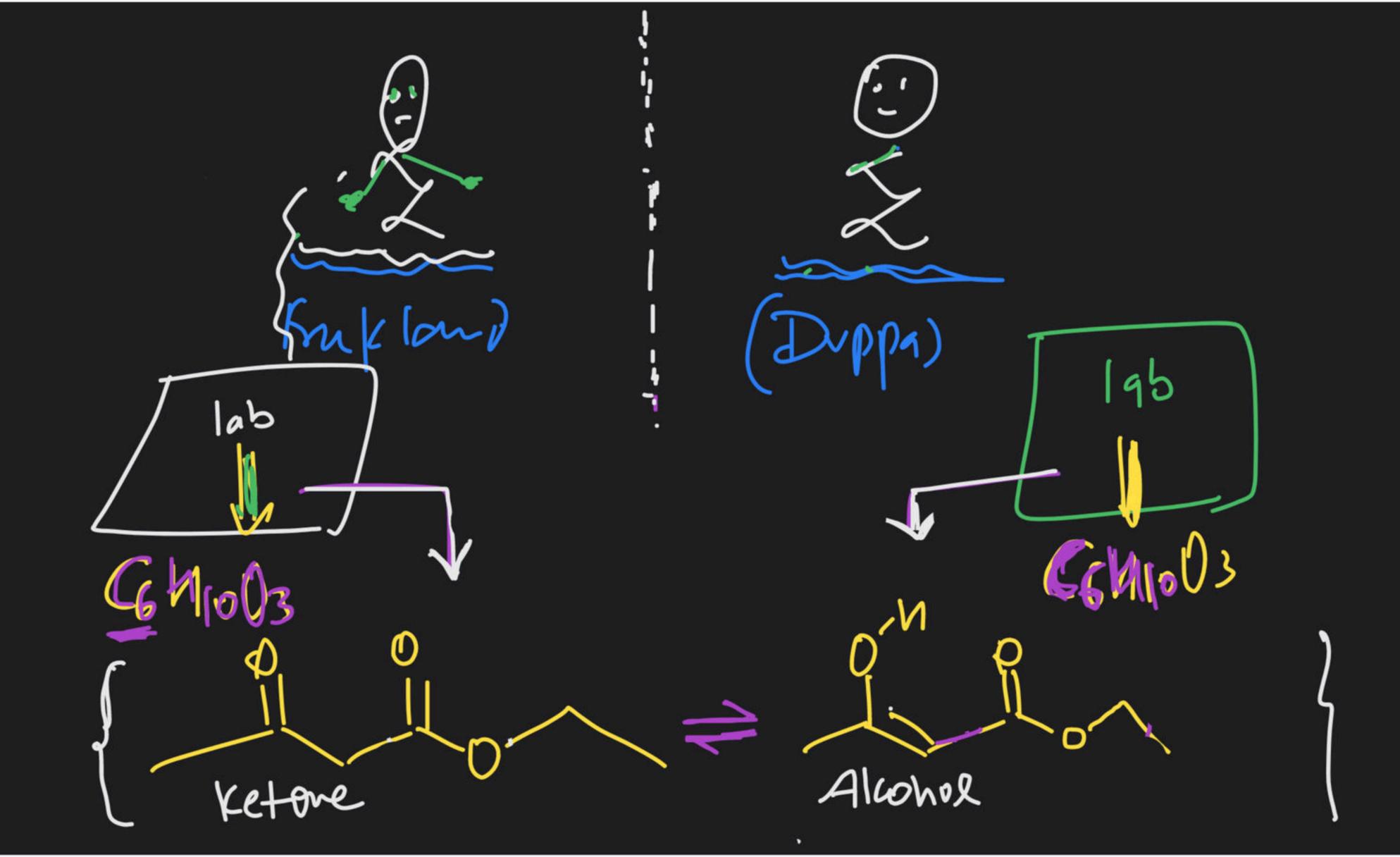
(17) FI ( Amire, Imire) (15)

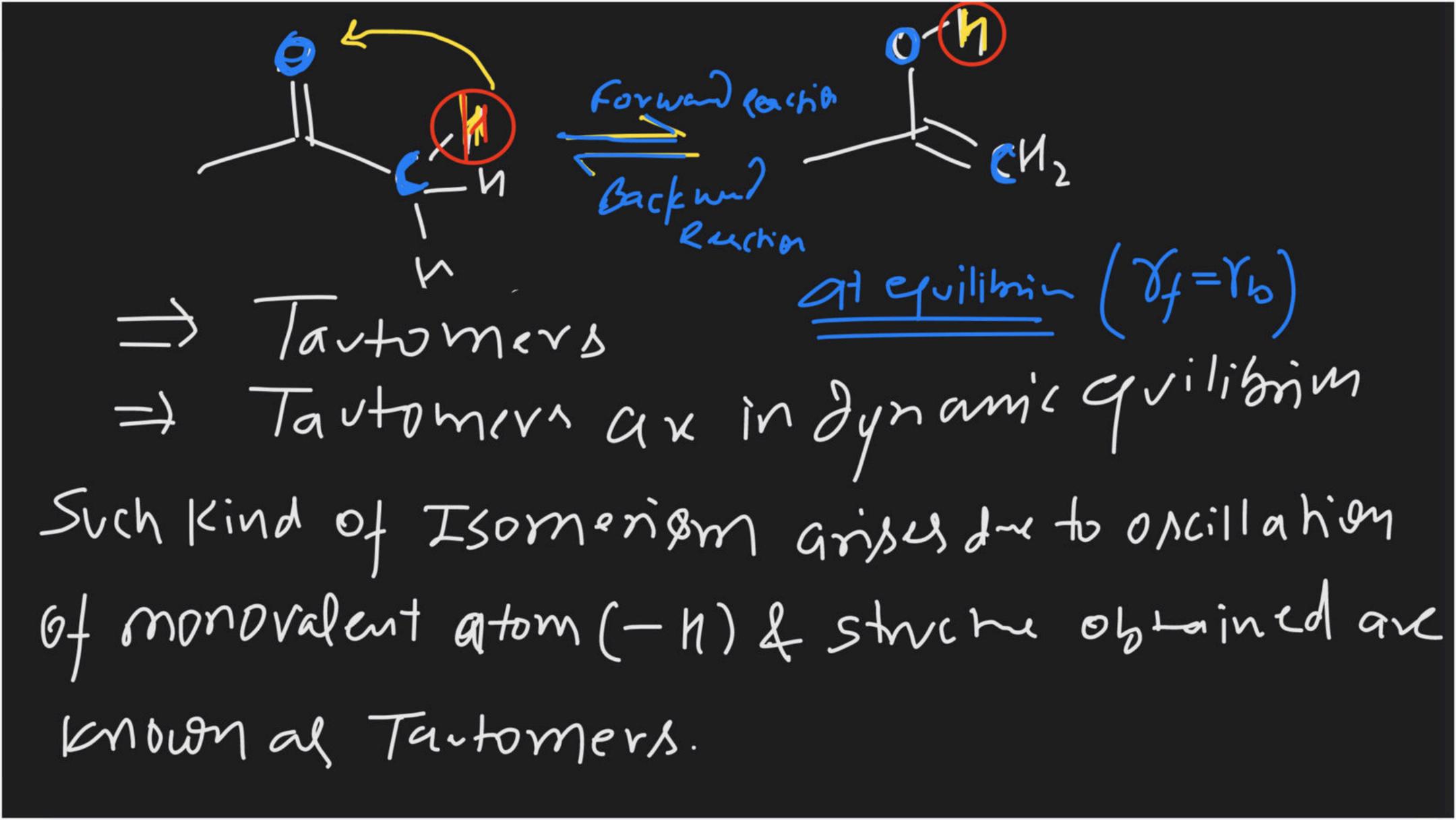
(5) Metamer (6) Meta (7) Meta (7)

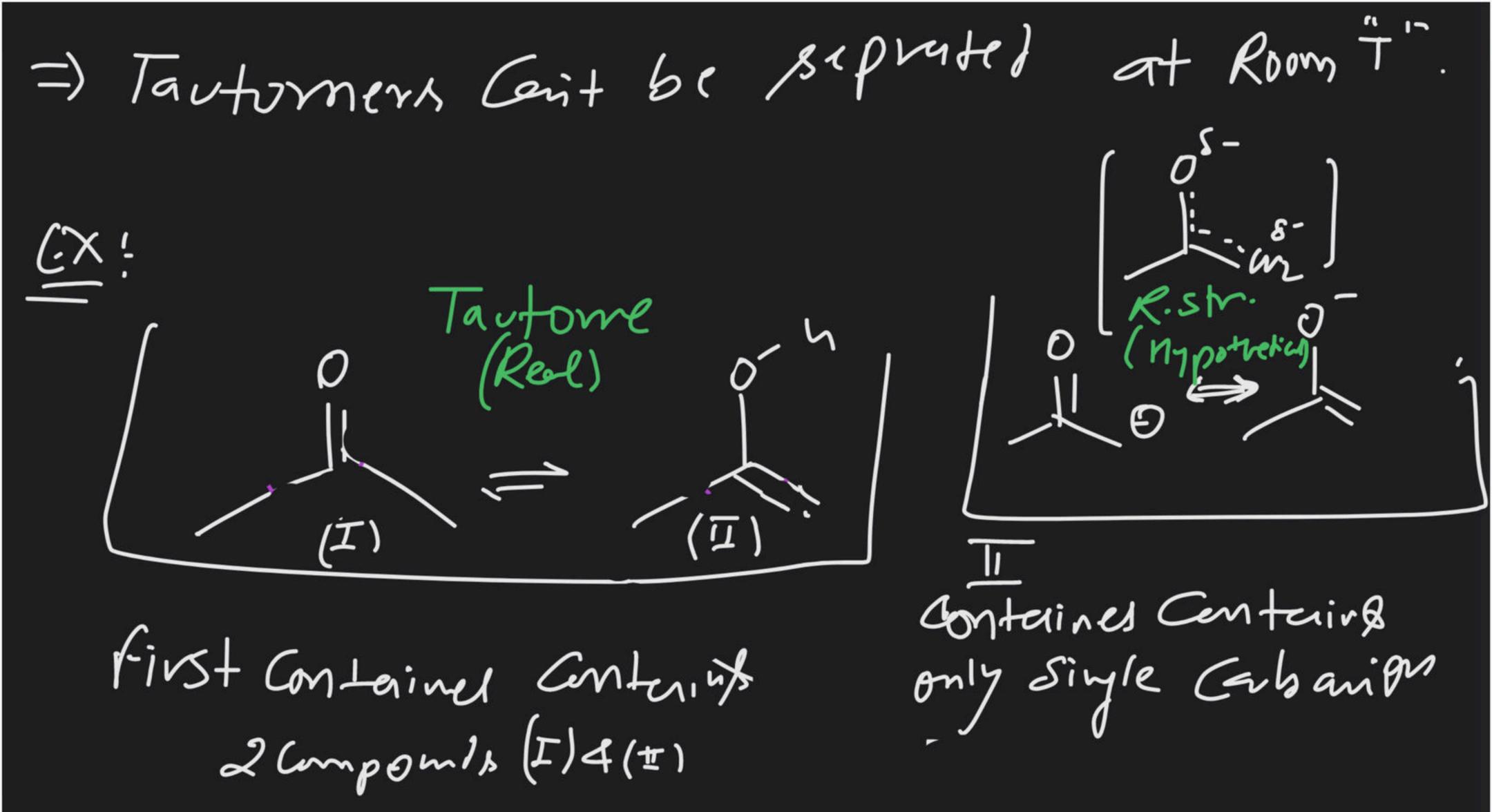
 $C_6 \text{M}_{10} \text{O}_3$  $\begin{array}{c} \begin{array}{c} \\ \\ \\ \\ \end{array} \end{array}$ 

Both i somers myst be much tyether & it is when they are in equition on a Revenible Rackism.

possible





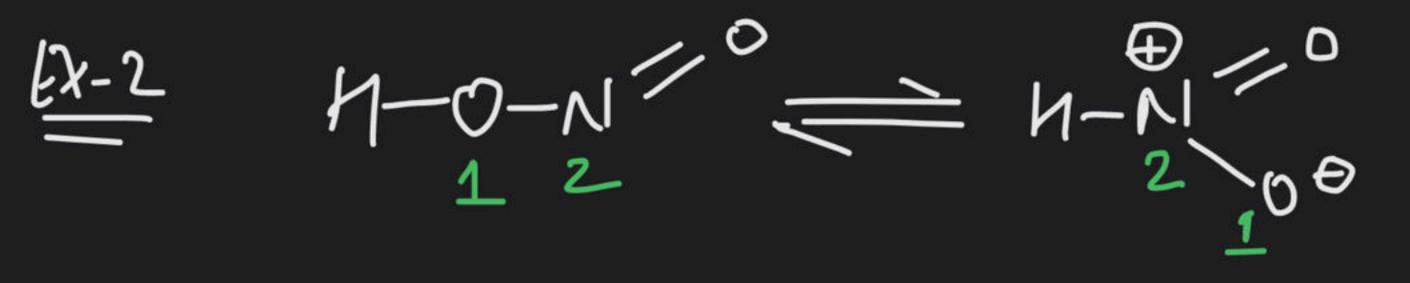


Type of Tartomenium These are two type of tartominam Maj Anienotropy tactomerion: when oscillating atom is anign tauto meniam is anown as anignoty tartomenism.

(b) Cationotropy tautomenium: When oscillating atom is cation, tactumine 18 Moran Cationotropy tautominam. Type of tautomenic system. (1) Diad System: when oscillating atom oxcillate between atom (1 to 2) + (2/to 1) systemis

known as diad system.

 $\frac{E_{X-1}!}{H-C=N} = H-N=0$ 



(2) Triad System: when oscillating atom oscillate between atom no. 1 to 3 & 13 to 1 then system is known as triad system.

Ex-1:- Keto-Enol Taxtominam

30

Keto torm

Fnol form









