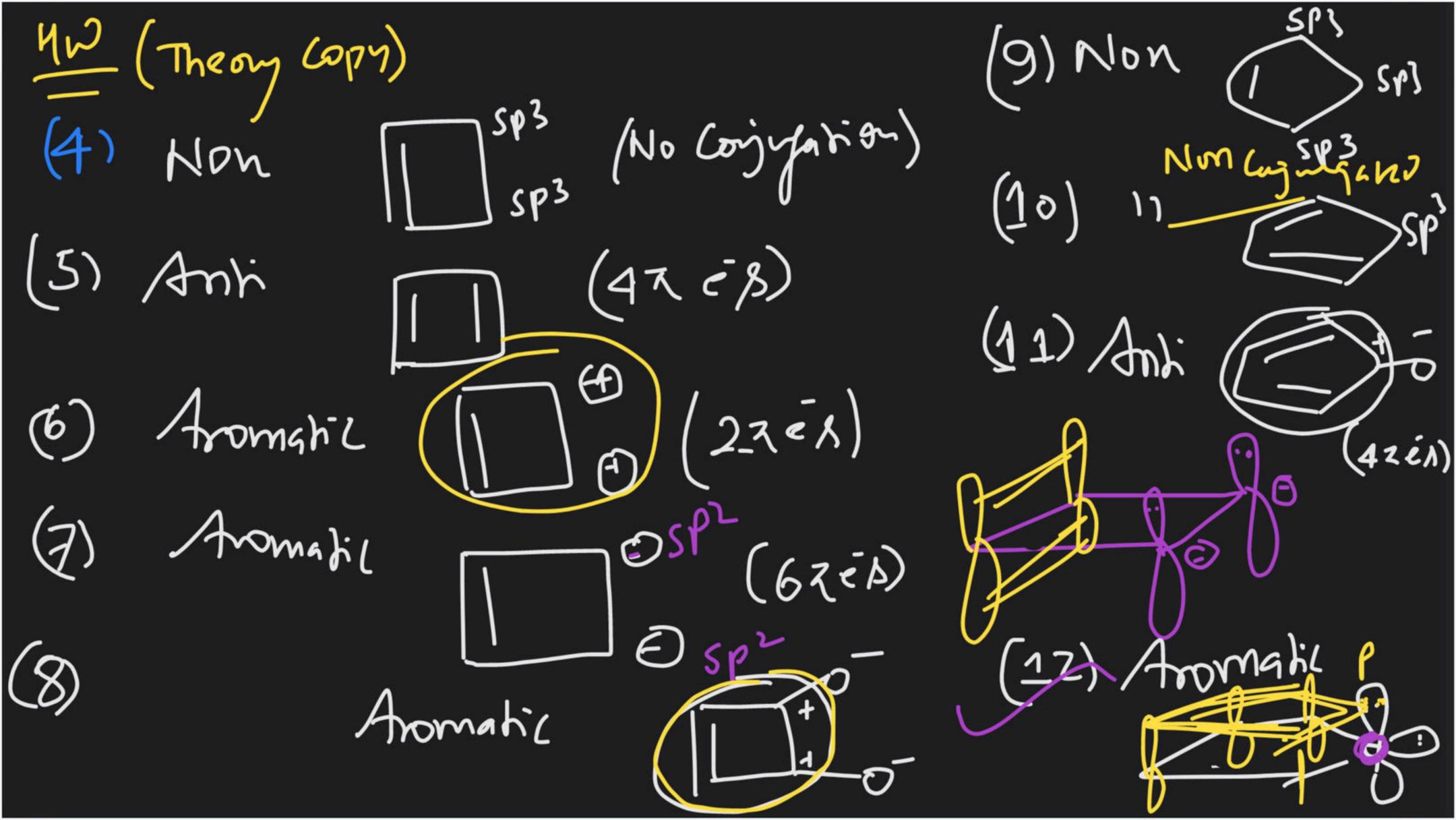
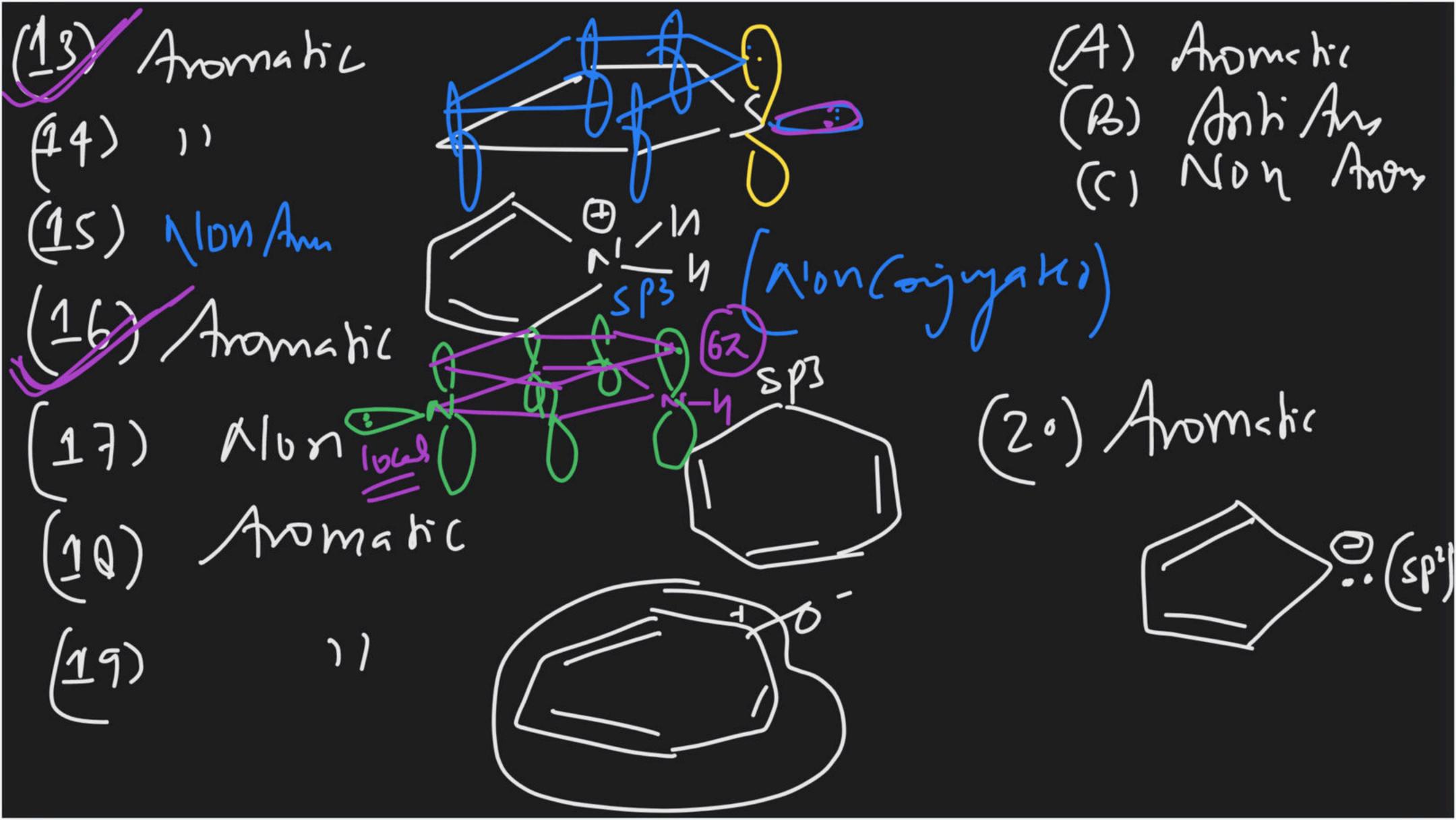
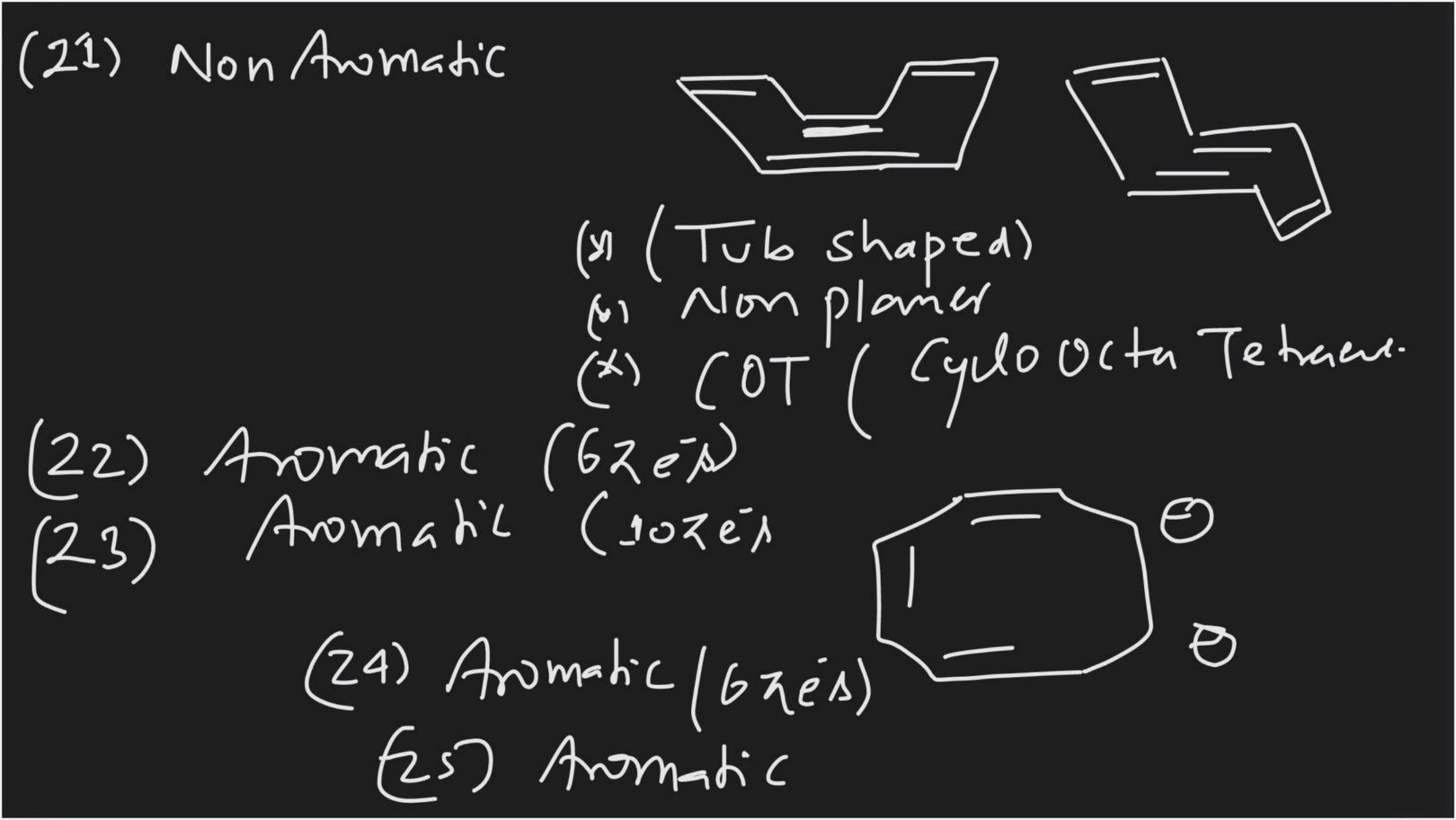
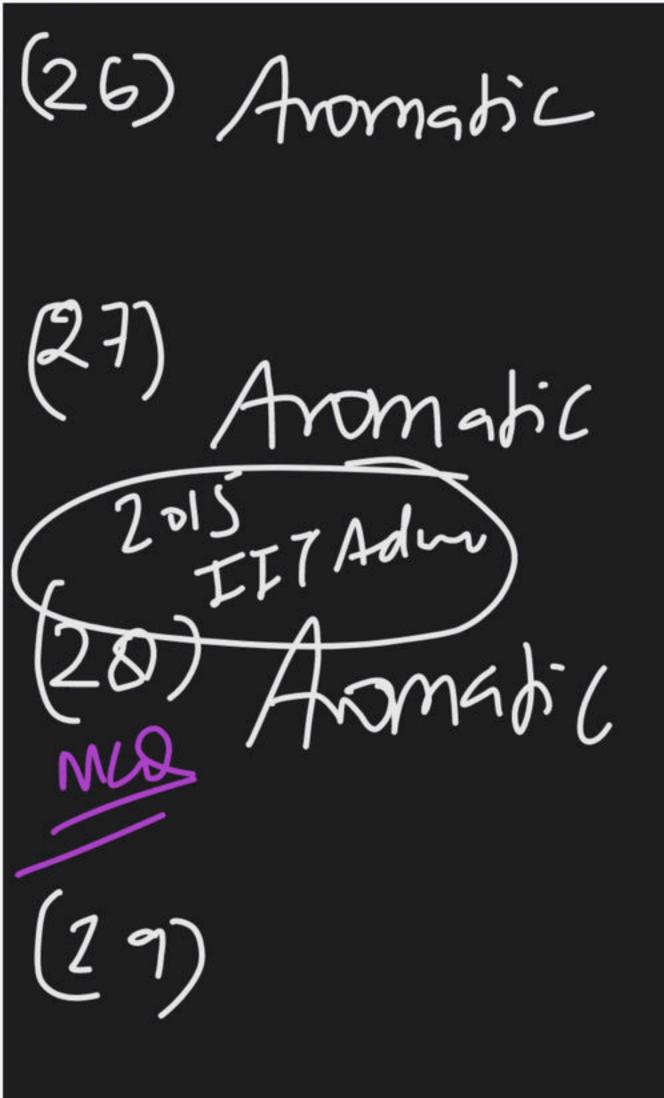


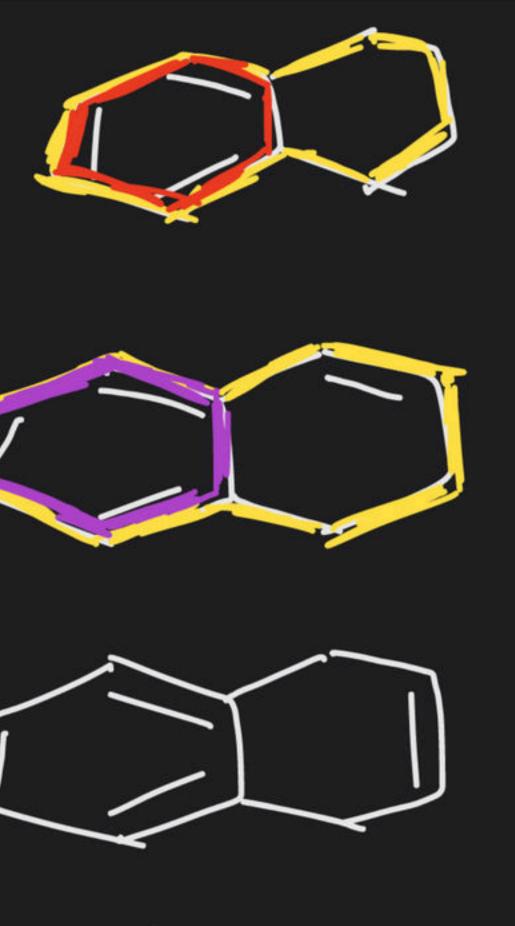
Course on General Organic Chemistry for Class XI







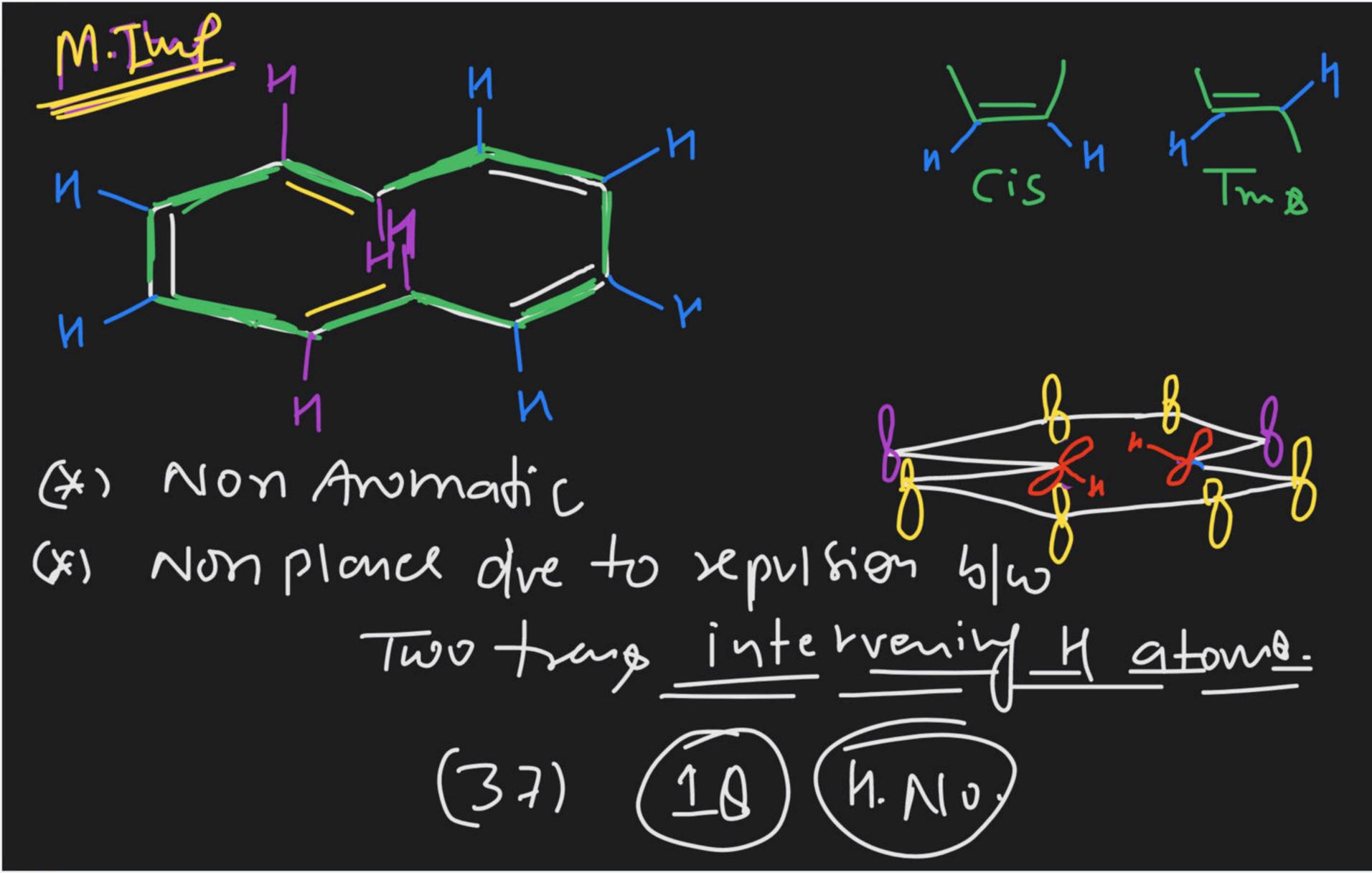




(A) Awmahil (B) Nomshi (C) Anh: Averahz

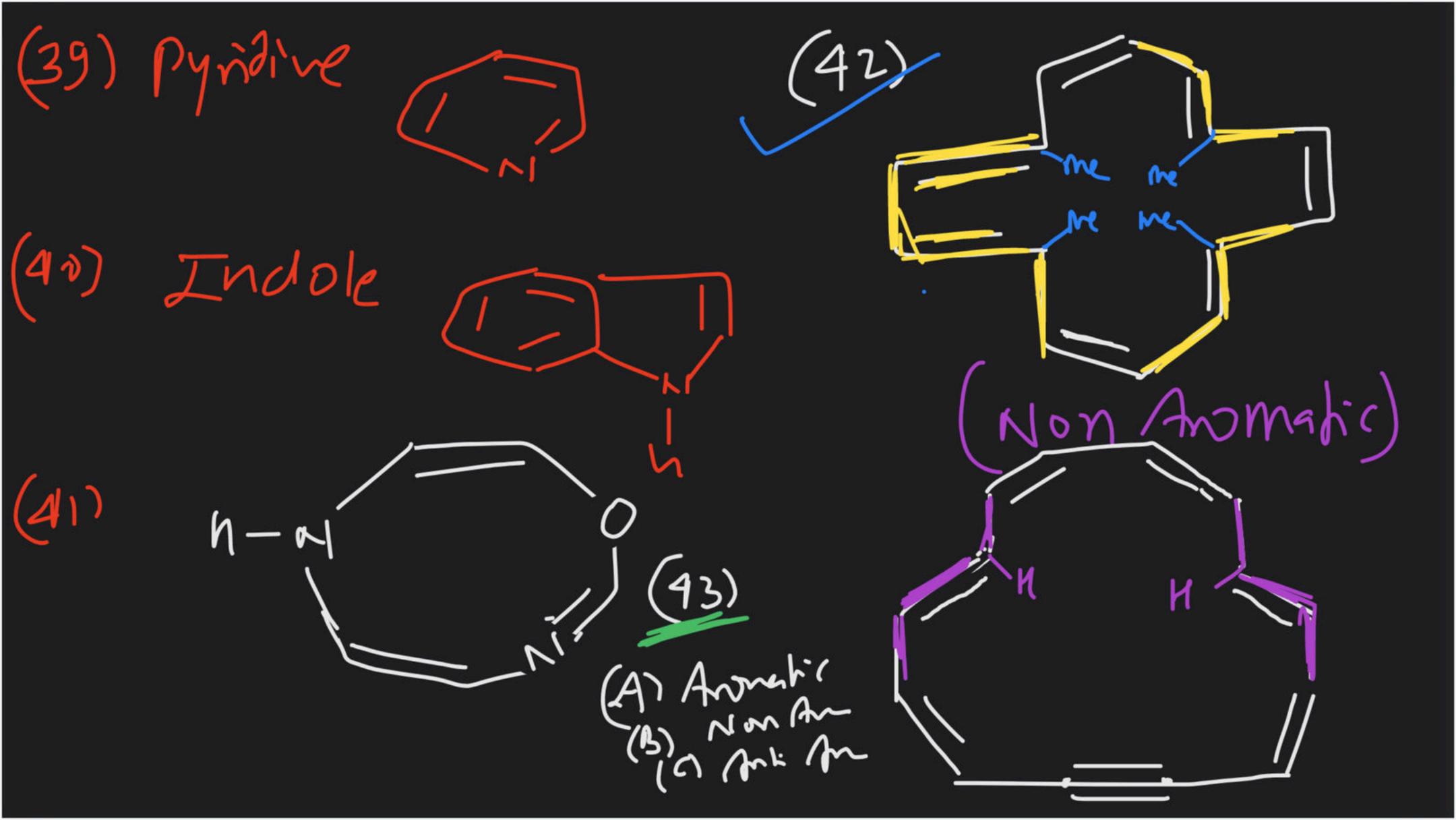
(Bris) (Anti Anomatic)

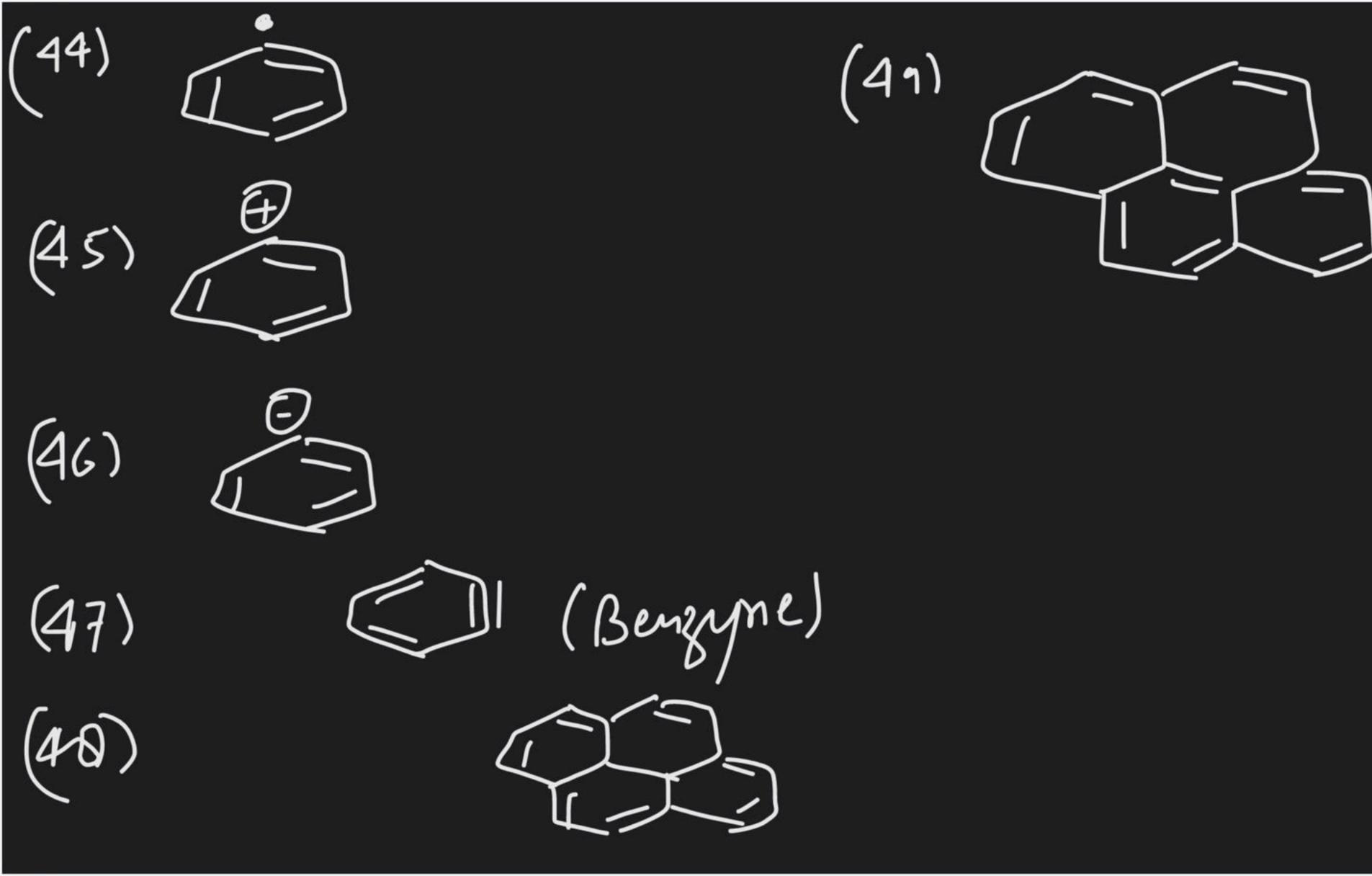
(37) Amakic (30) Aromatil (102CB) (31) Aromatil (102CB) (38) Avamahic (32) 1) (14 Z EB) (33) )) MINE MINE (34) Non Aromatic (35) Awmahil [ (36) Non Anomaki (167E)

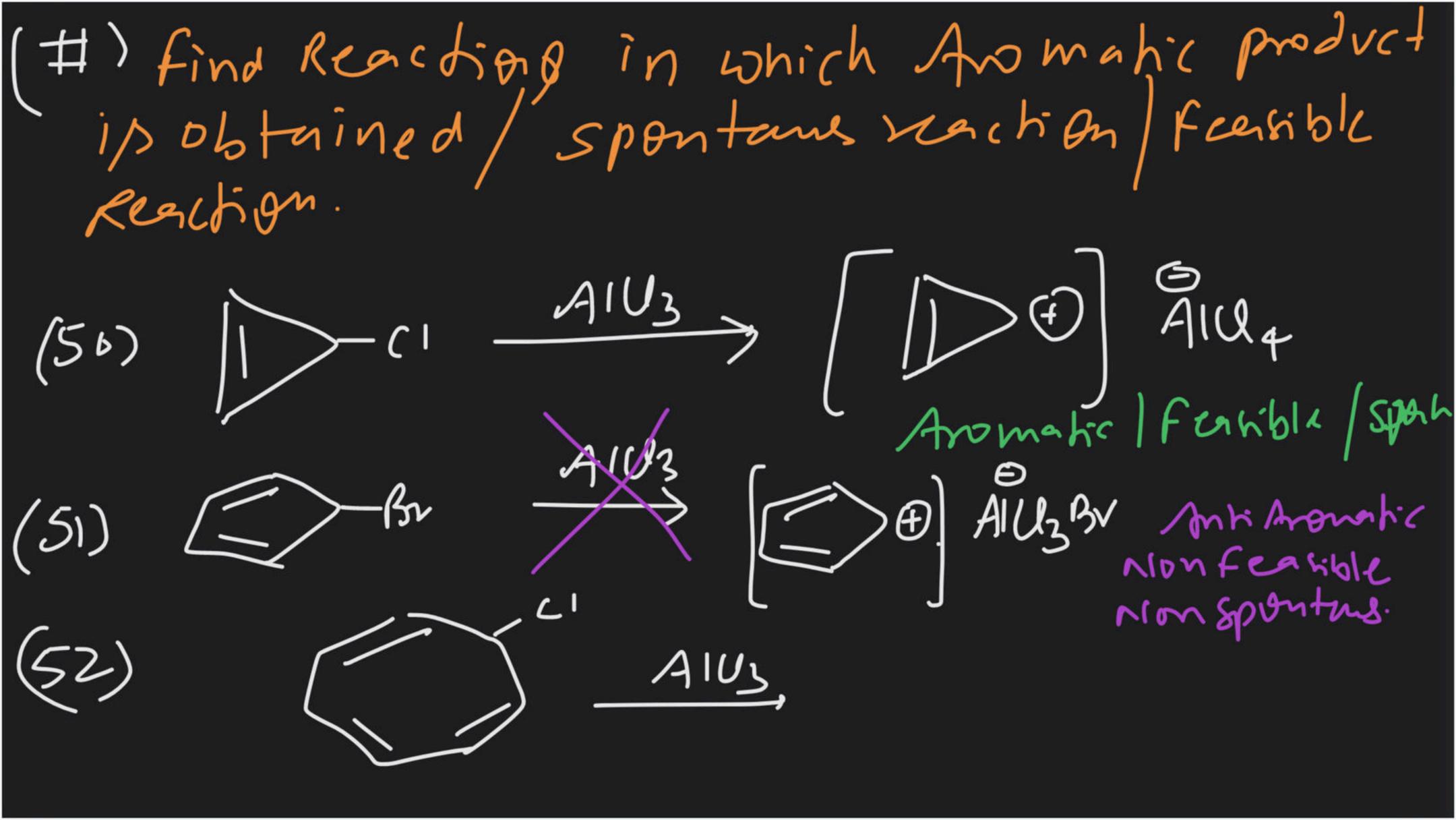


(IAS):

(25) Prove that Anulen [10] Girl be Morric







(54) A143

$$(58)$$

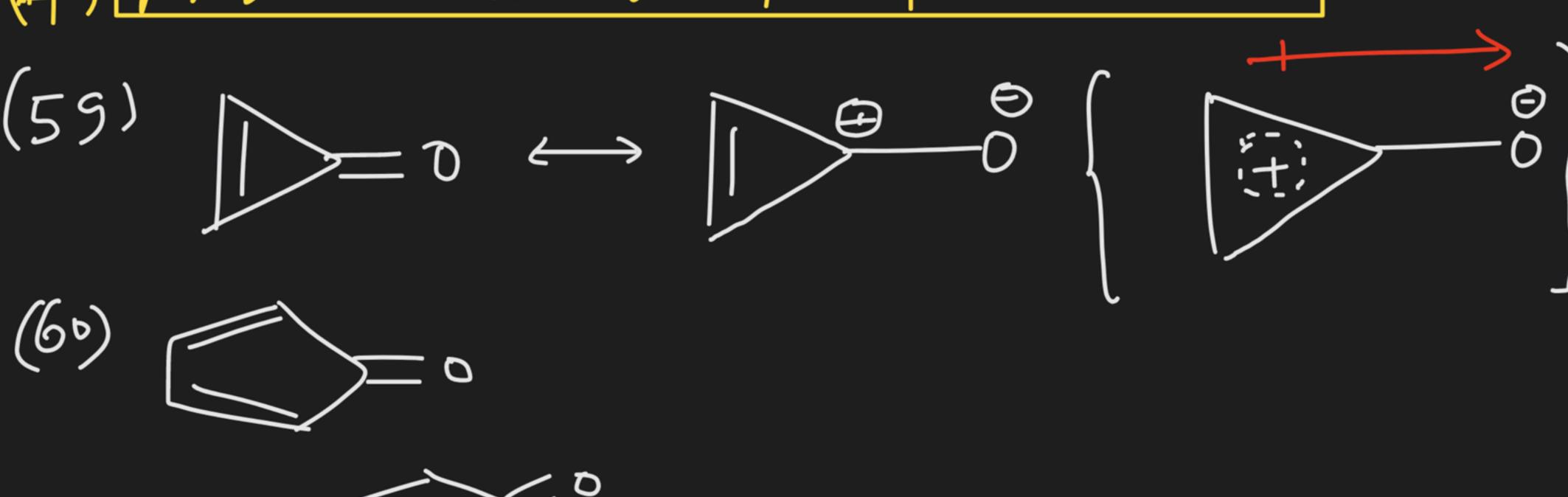
$$(58)$$

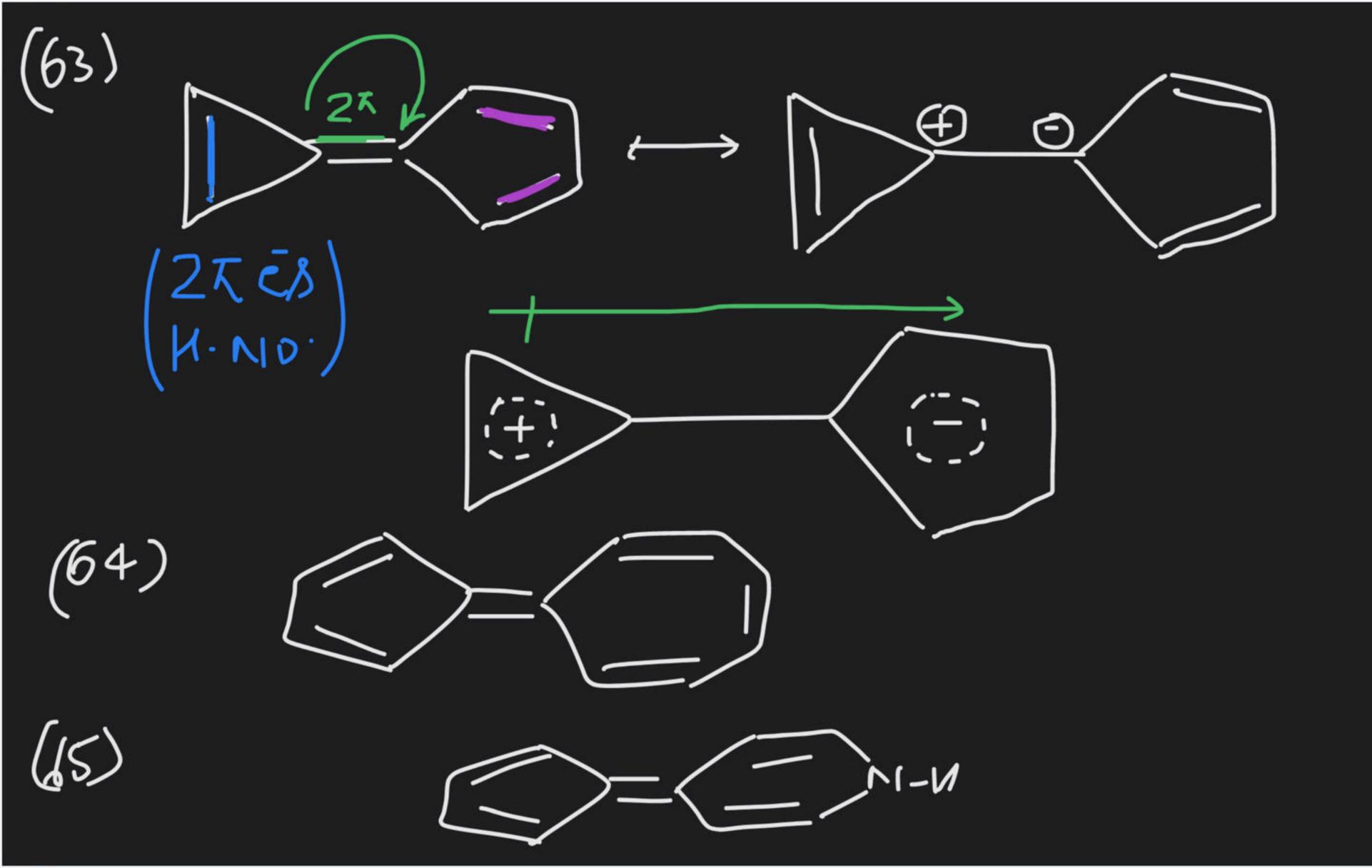
$$Nan$$

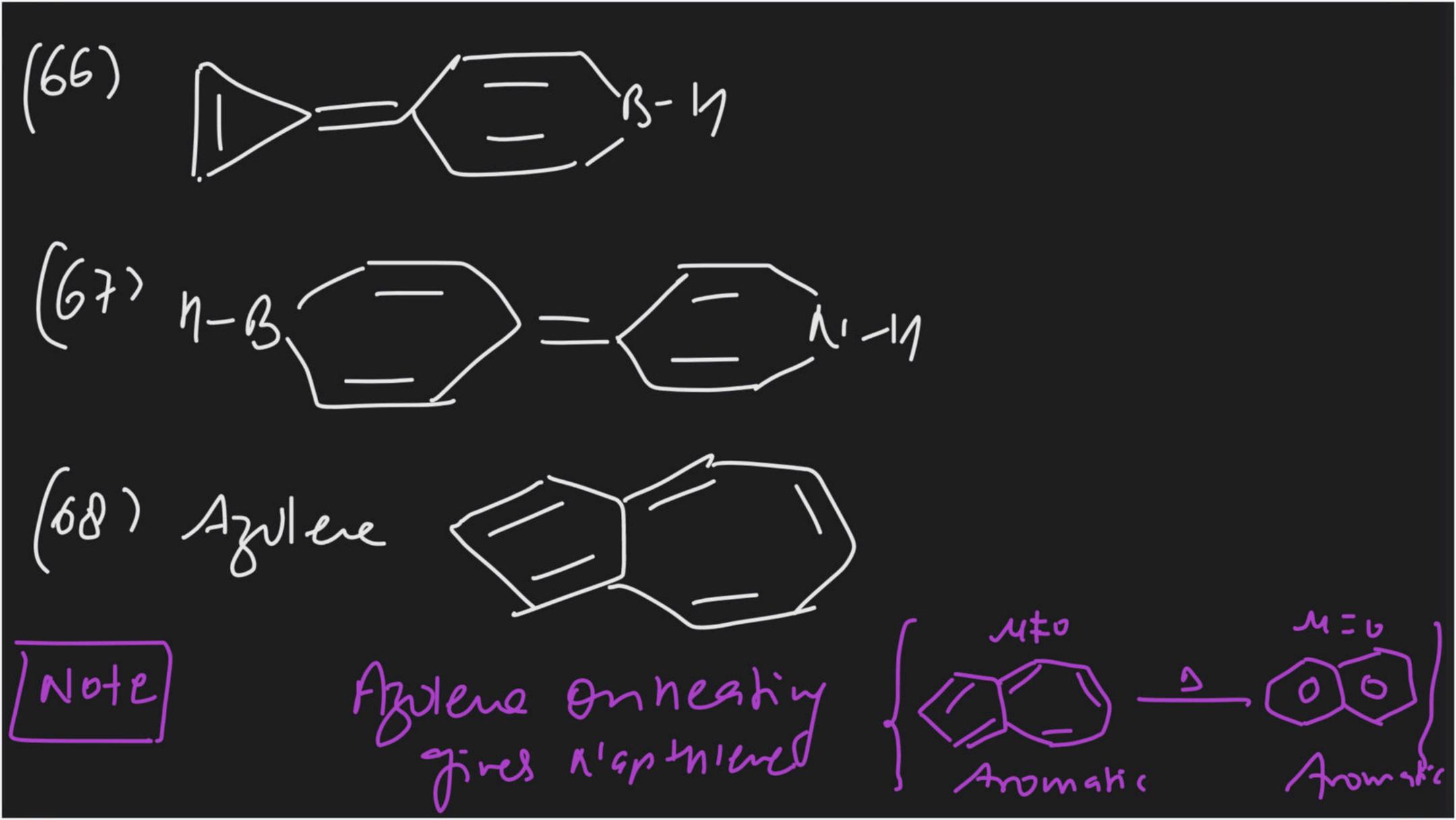
$$Oh (6)$$

$$Oh (6)$$

## (#) Predict direction of dipole Moment





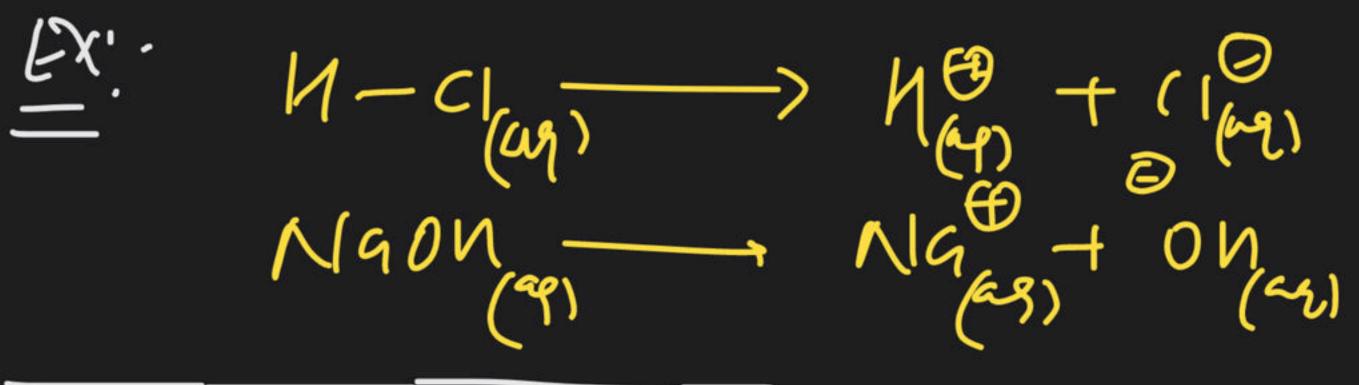


(#) Acid & Base theory

Arhenius Theony

Acid is a Substance which gives Ht ion in Solution of Base is a Substance which gives on ion in solution

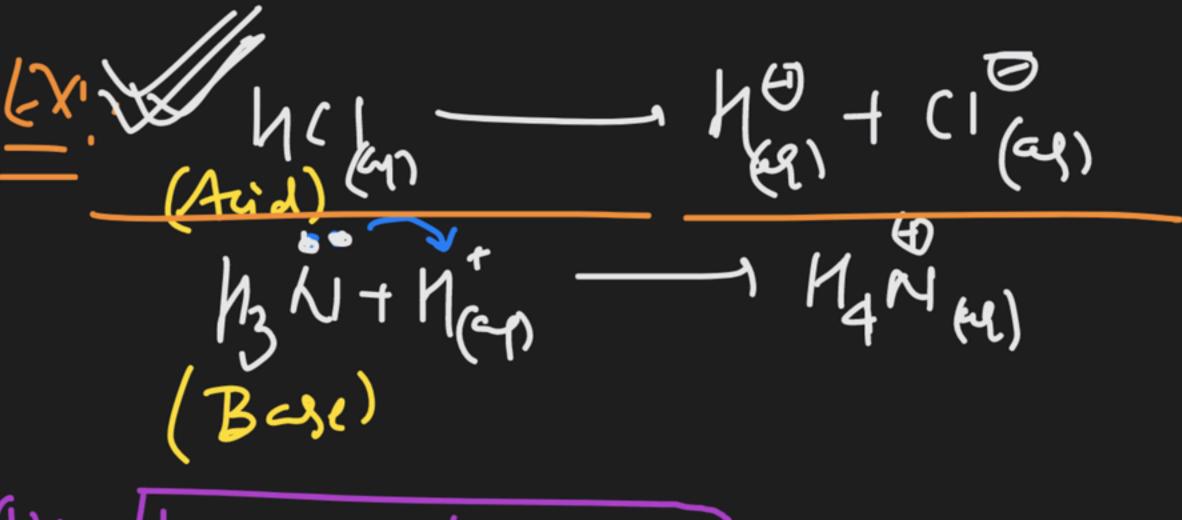
> Acid > 100 Base > 100 Base



Bronstad & Lonery

According to this theory Acids are proton (H1) donar & Bases are proton acceptum.

> Acid > Me doner Baye 10 acceptor



(H) [lewis theory)

Accito this theory Acids ax electron pair aluphs 4 Boses ax electron pair donais.

Acid Kepair Bose Depair (Banc)

(Banc)

(Banc)

(Banc)

(Acid)

(#). Let up Consider a Acid PK = - ly [n] PKa - - Sap Ka (C. Baye) Constant = Ka = [Ht][A] Jun Stry Acid [NA] (Epvilibrium) (Junstant) For a strong Acid => Rxn must more tounds formed Inch.

For a strong Acid => Rxn must more tounds borned Min.

Acidic & Stability of AG (EWG) (-R,-K,-E)

Stupth & Ka

& 1

1et Up Consider a Bosse Byse) Byse) Conjugate Arid Stability of C. Azid
EDG (+R,+M,+I) Basic Styth 2 - 1 PKb

Note (i) on depostonations from any compound Conjugate

Base of that Compound appears. (11) Strop Acid/Strop Base both are highly instable than suspective analysis w. Acid & w. Base. (iii) Each Acid-Bose reaction movestowns Weaker Acid & weaker Base (iv)

On Brotonation Cigate Azid is obtained

