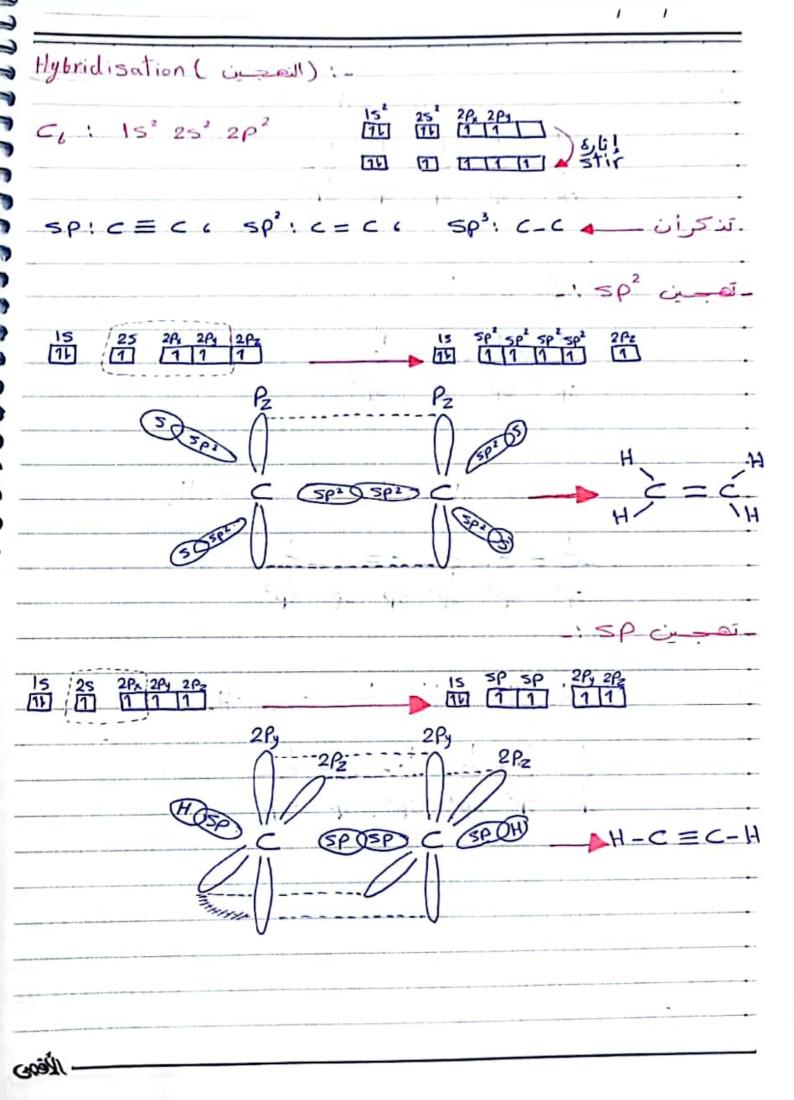


	ت العصوية ـ	- لسمية المركبا		
Family	group	structure	Suffix	prefix
carboxy licacids	- cooH	Ho- 3 -	-carboxy licacid	carbox
Esters	_cooR 9	1: 2 -OR1	carboxy late	Alkoxy
Amides	- CONH2	- E-NH2	amide	amida
Nitrile	-cN	-C=N	nitrile	cyano.
Aldehydes	_cHo	FI _ 3 _	al	methany
ketones	CoR	3/11/2/ - C-R	one	oXo.
Alcoholis	Locky March	HOW	01	hydroXy
Amines	-NH2	- NH2	amine	amino
Alkene	c=c		ene	
Alkyne	C = 10/13	Tud &	yrie.	
Alkane	C-C		ane	-
11 c unid	ec (12 C -	dodec 6	13 C - ST	ridec.



CH3CH2CH=CH-CH3 0 $sp^{3} sp^{3} sp^{2} sp^{2} sp^{3}$ CH2 = CH - CH = CH2 (2) +c = d- d= dsp2 sp2 sp2 sp2 sp2 sp2 sp3 sp sp sp3 Michaelted - c = cH2 Sp3 Sp2 Sp2 Sp2 Sp Sp2

Nego

 \mathcal{P}_{age} : Date: compounds phenol Tolune benzoic acid benzaldehyde benzoic acid HO ben Zaldehyde proton donner proton acceptor 1/29, dieuw (10) gal) sconjugated acid

Lewis del Acids; Electron acceptor Base: 11 donner AICI3 -> lewis acid RNH2 -> lewis base HCOOH+CHOOH > + COOH + HOO

e Mestraiolu e lesu donating groups Ei 1251122 in لالكرو س فبتفلى الحف ضعيف -> Cl, F, Br, I, No, 50, H CH, CooH Jaien la Jai CH, cooH -

\mathcal{D}_{age} :	Date: / /	
withdrawin	19 gps > CL, F, Br, I, So3H, NO	2
	gps -> NHz, NHR, oH, ocHz, a	
* Electron	withdrowing gps increase acid	lit
How	cooH cooH	
	No 2 NH2	
2/10	2 - 5 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 -	
	ے المرہ الحبایة خیولوقو آعد	
		-
Mae		