

I PARTE

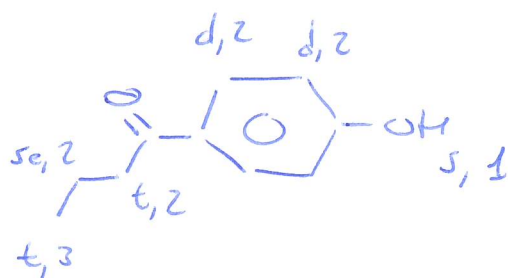
ES. 1 (DA COMMENTARE PIU' ESTESAMENTE)

C 73.10% H 7.37% O $\Rightarrow$ 19.53% $\Rightarrow$ C_5H_8O

M = 164 $\Rightarrow$ $C_{10}H_{12}O_2$ $\Rightarrow$ 5 GRADI INSATURAZIONE

IR 3374 LARGO $\Rightarrow$ OH
1653 STRETTO $\Rightarrow$ C=O

NMR



s, largo p.z $\rightarrow$ OH
d } p $\rightarrow$ C-H D2
d } z $\rightarrow$ CH A2

t 3 $\rightarrow$ $\text{CH}_2\text{-CH}_3$
ses 1,8 $\rightarrow$ $\text{-CH}_2\text{-CH}_2\text{-CH}_3$
t 1 $\rightarrow$ $\text{CH}_2\text{-CH}_3$

MS - $\text{CH}_2\text{=CH}_2$ (Mc LOFFERTY)

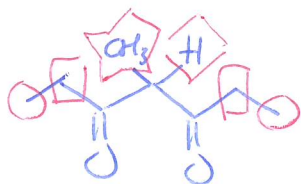
ES. 1



ES. 2

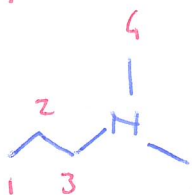
IN CHIMICA L'INTEGRALE DI UN SINGOLO SEGNALE

Es. 3



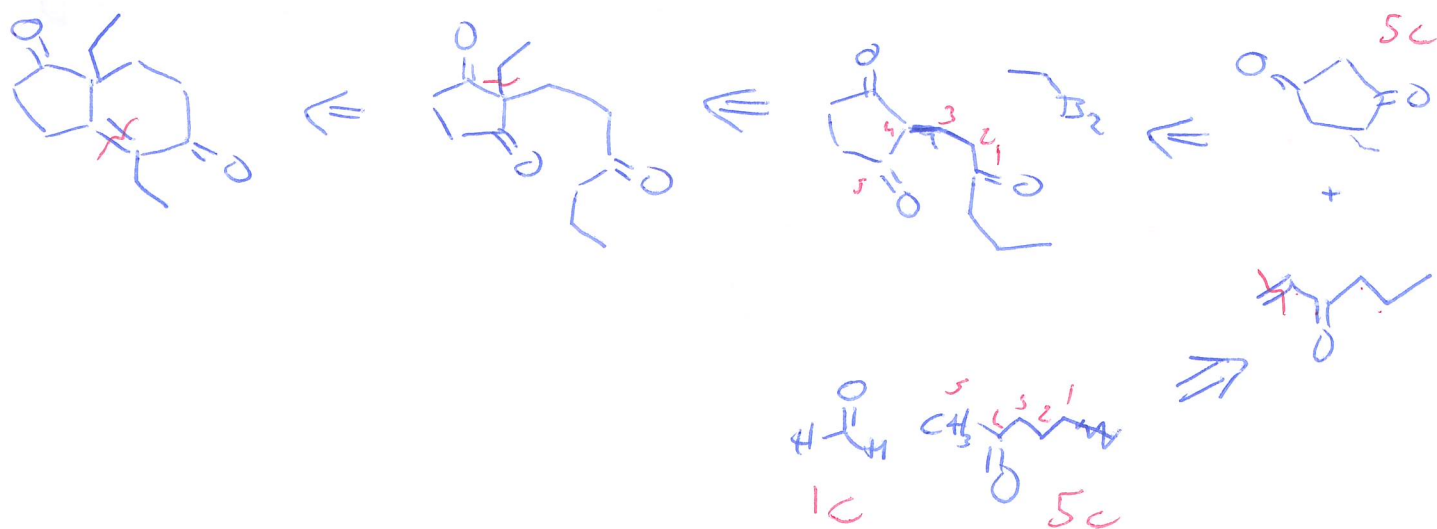
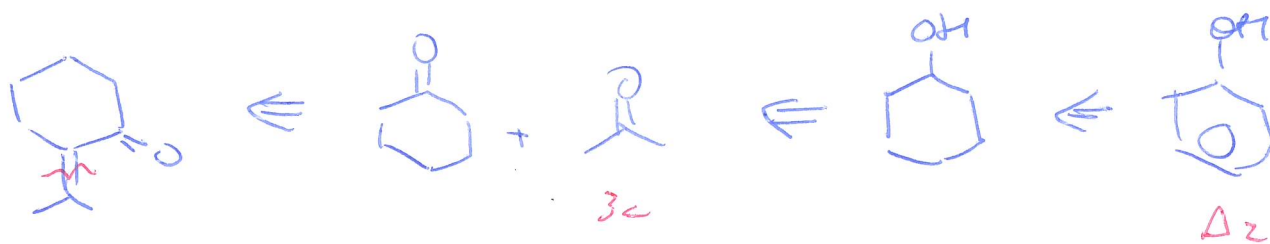
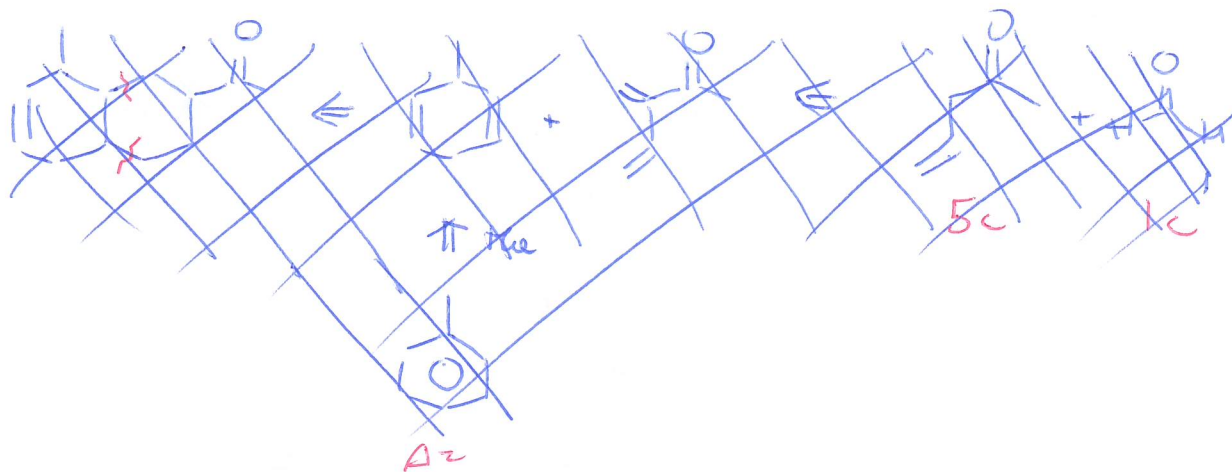
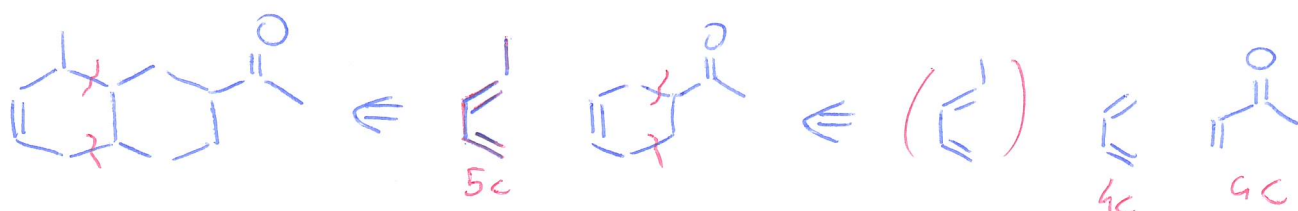
○	t, 6H	~ 1.2 ppm
□	q, 4H	~ 2.3 ppm
◇	q, 1H	~ 2.3 ppm
☆	sl, 3H	~ 1.5 ppm

Es. 4



SECONDA PARTE

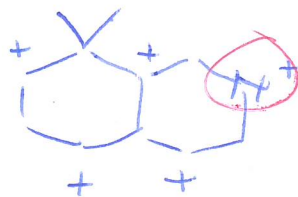
Es. 0



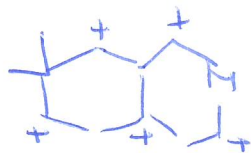
(NO 5d17)



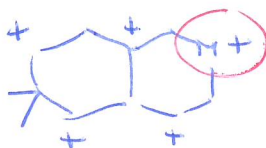
↑
DISATTIVATO



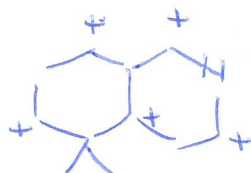
NO



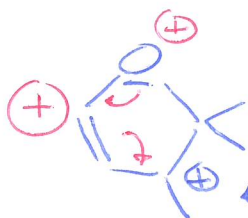
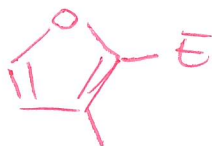
~~β~~
NO



NO

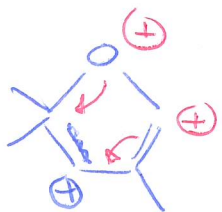


~~β~~ α

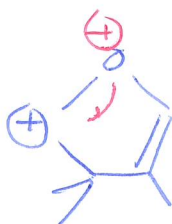


3 FORME

carica su sot. E

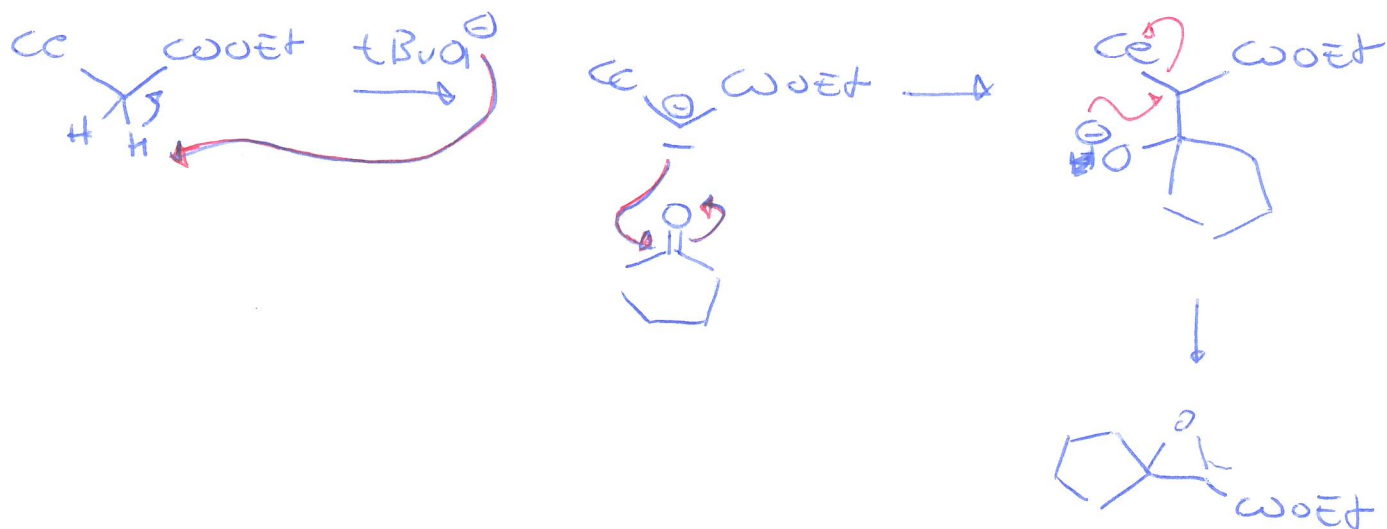


3 FORME



2 FORME

Es. 1



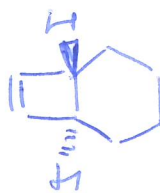
Es. 2

VEDI SLIDES

Es. 3



REDZWE ELETTROCHIMIA 4e
 $\downarrow$
 COMROTATORIUM



Es. 4

CICLODDAZIONE 4+2

