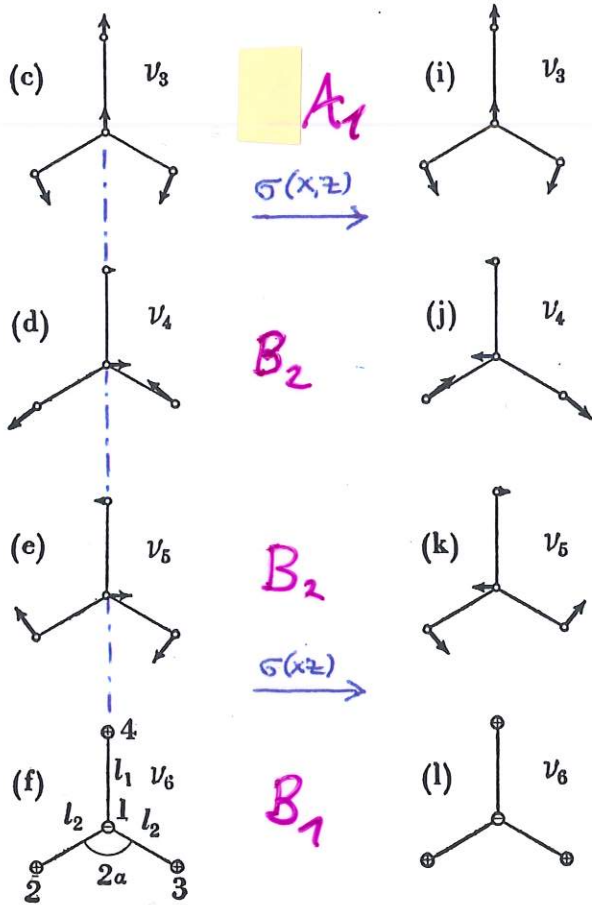
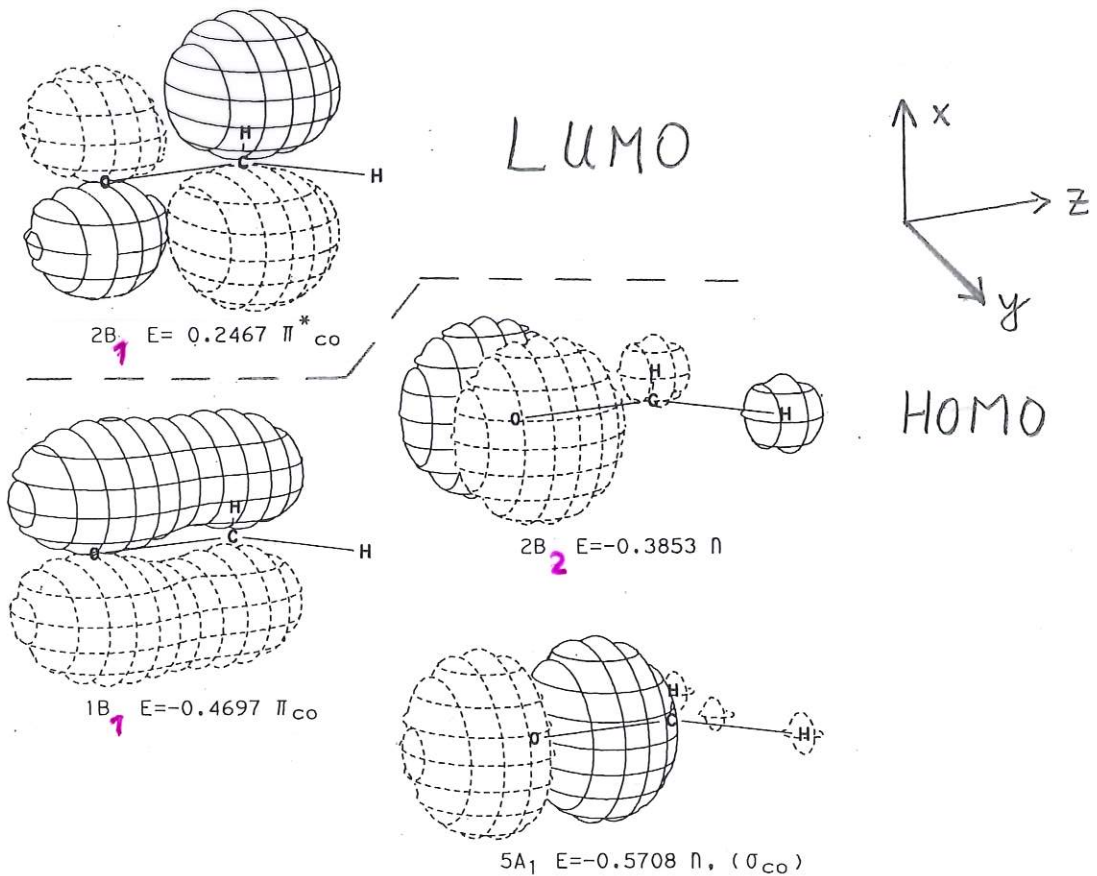


# Symmetry considerations H<sub>2</sub>CO



$e_{2v}$	$E$	$C_2$	$\sigma_v(xz)$	$\sigma_v(yz)$	
$A_1$	1	1	1	1	$T_z$
$A_2$	1	1	-1	-1	$R_z$
$B_1$	1	-1	1	-1	$T_x; R_y$
$B_2$	1	-1	-1	1	$T_y; R_x$

$B_1$   
 $B_2$   
 $B_1$



LUMO

HOMO

$5A_1$   $E = -0.5708 \pi, (\sigma_{co})$