

INTERNATIONAL SCHOOL

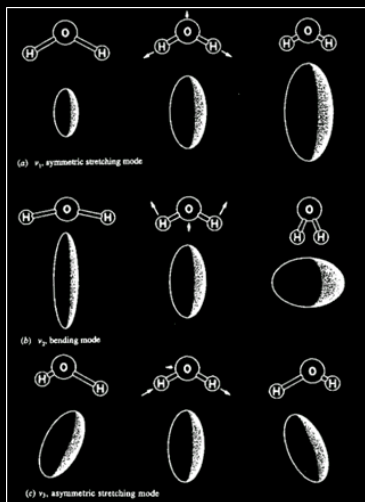
14th to 16th JUNE, NANCY (FRANCE)

RAMAN SPECTROSCOPY APPLIED TO EARTH SCIENCES AND CULTURAL HERITAGE

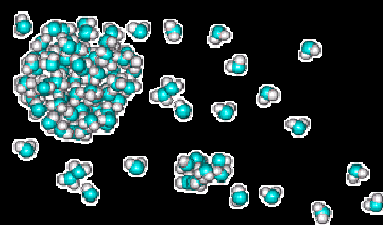
Raman Spectroscopy on Liquid Water
(a nontrivial example)



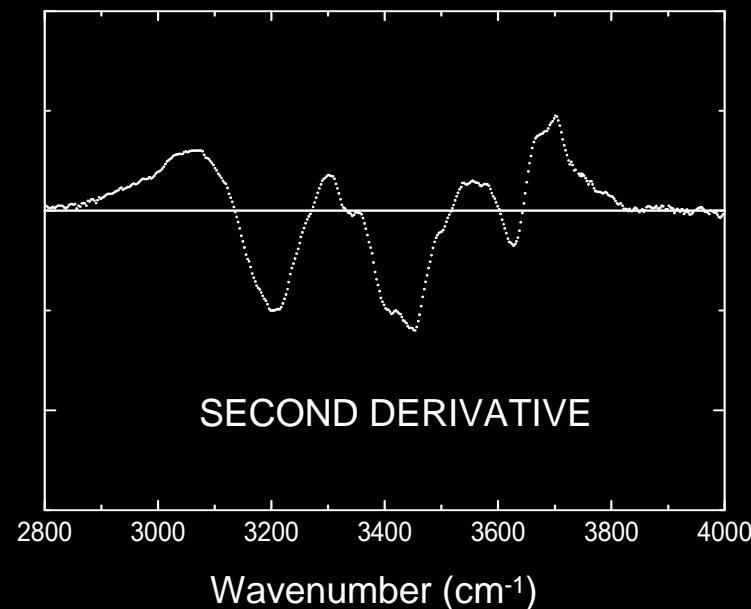
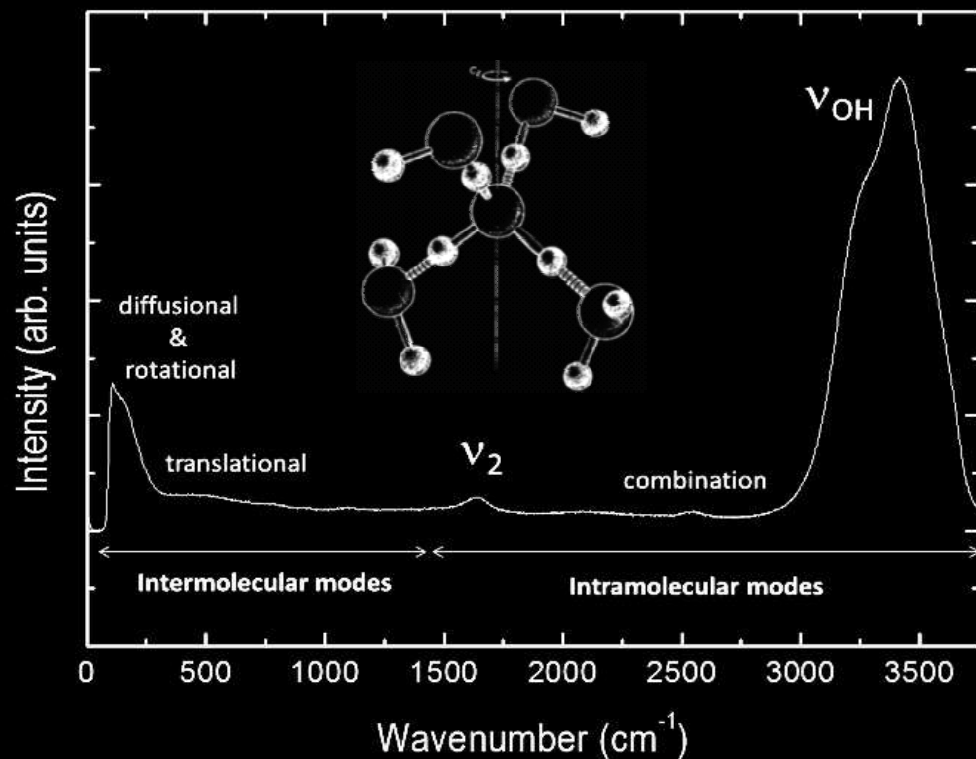
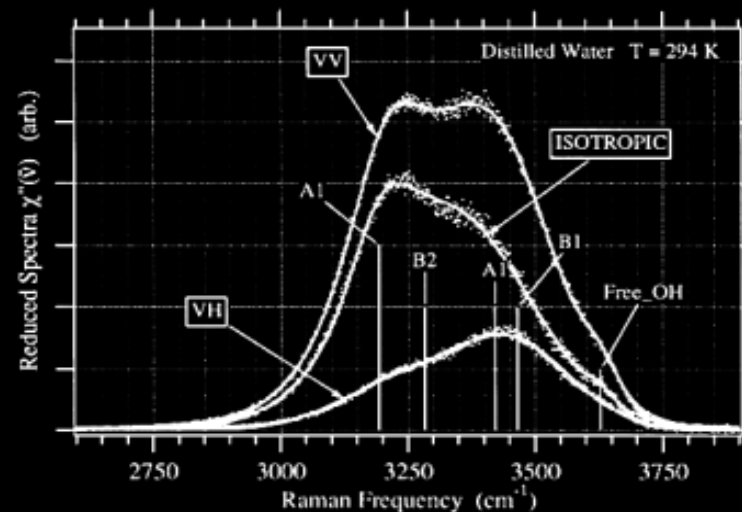
Valentín García Baonza

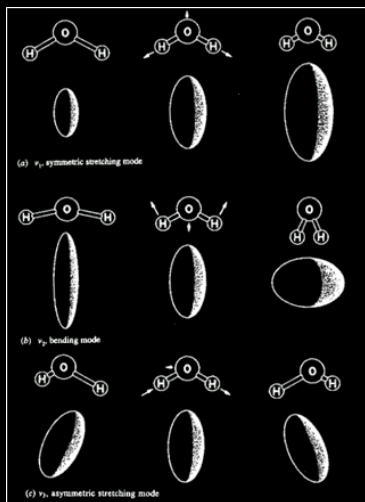


C_{2v}	E	C_2	$\sigma_v(xz)$	$\sigma_v'(yz)$		
A_1	1	1	1	1	z	x^2, y^2, z^2
A_2	1	1	-1	-1	R_z	xy
B_1	1	-1	1	-1	x, R_y	xz
B_2	1	-1	-1	1	y, R_x	yz

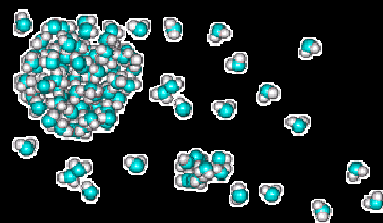


Dynamical Structure of Water by Raman Spectroscopy
 Y. Tominaga, A. Fujiwara and Y. Amo
Fluid Phase Equil. **144**, 323 (1998)

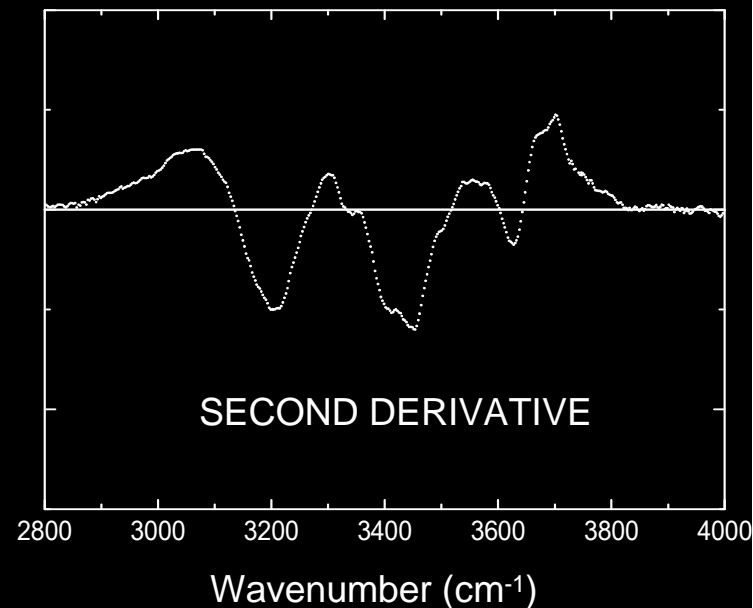
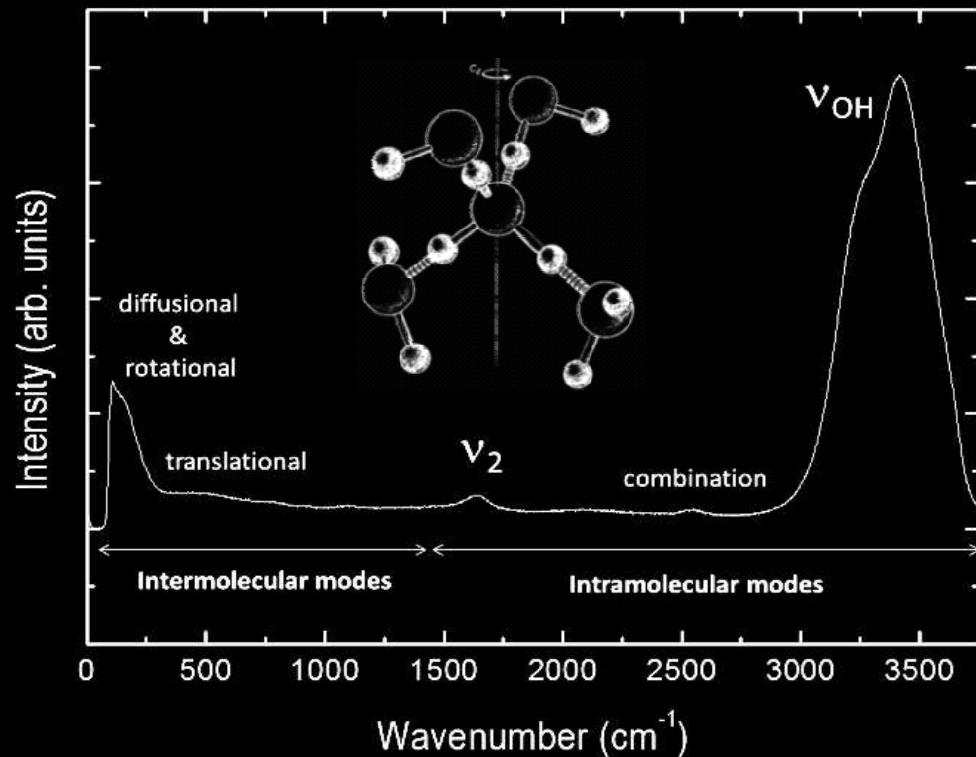
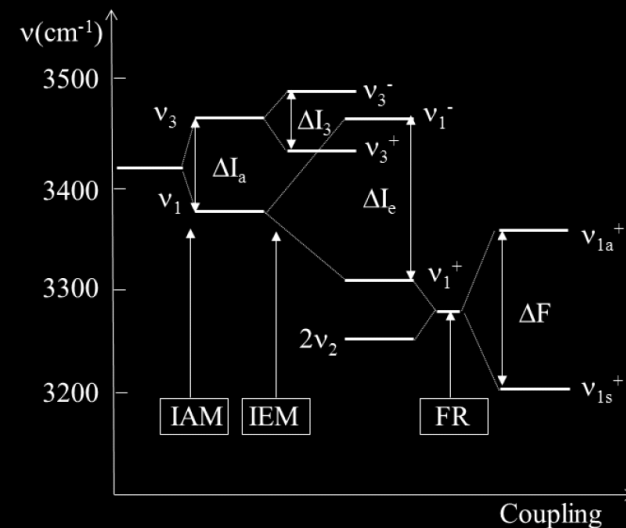


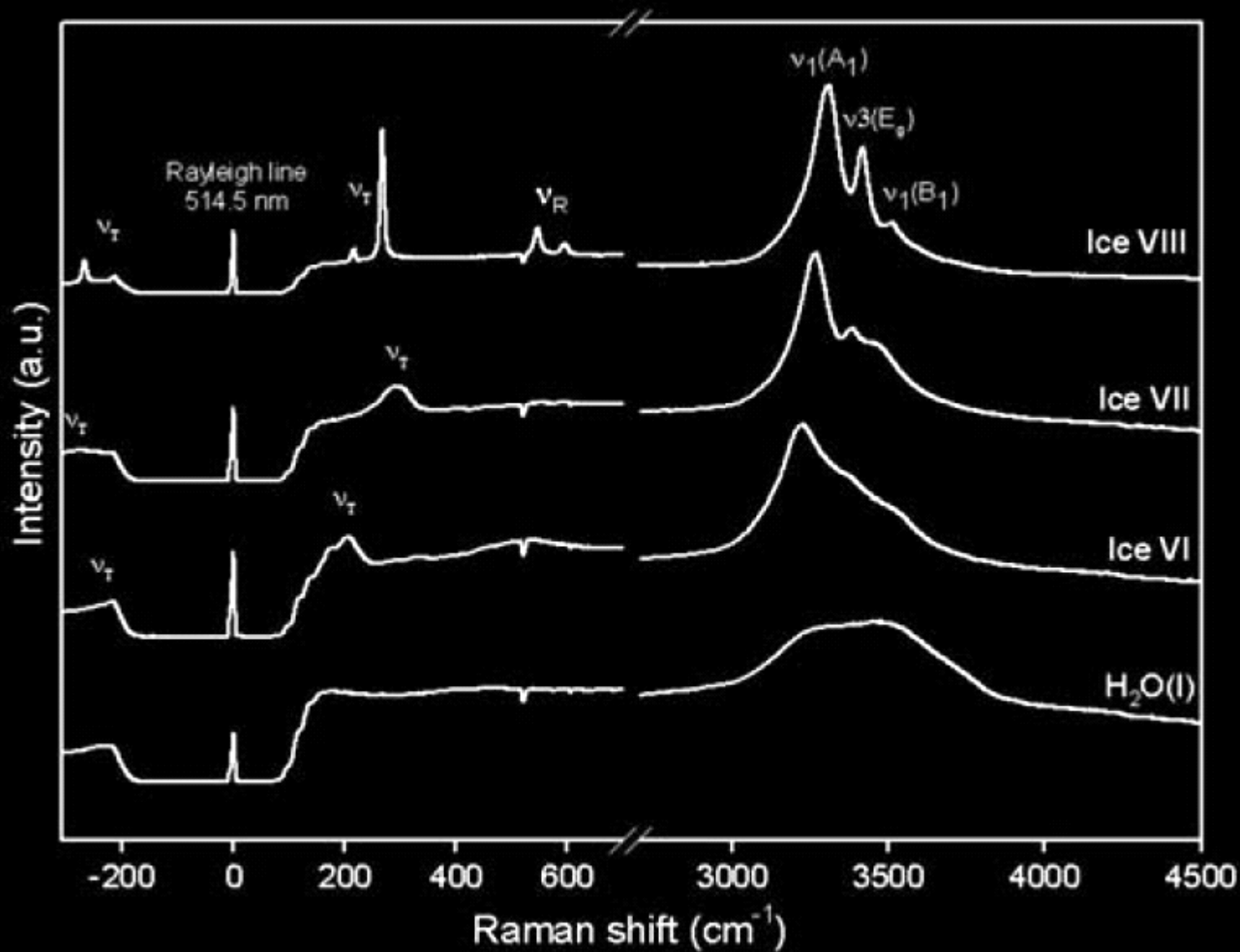


C_{2v}	E	C_2	$\sigma_v(xz)$	$\sigma_v'(yz)$		
A_1	1	1	1	1	z	x^2, y^2, z^2
A_2	1	1	-1	-1	R_z	xy
B_1	1	-1	1	-1	x, R_y	xz
B_2	1	-1	-1	1	y, R_x	yz



EMU Chapter 8 (VGB, FR, JD)





INTERNATIONAL SCHOOL

14th to 16th JUNE, NANCY (FRANCE)

RAMAN SPECTROSCOPY APPLIED TO EARTH SCIENCES AND CULTURAL HERITAGE

Thanks for your attention!

Raman Spectroscopy on Liquid Water
(a nontrivial example)



Valentín García Baonza