

pi	nu 0	e	h bar	m sub e	a0	c	mp	
	3.1415927E+00	1.2566371E-06	1.6021892E-19	1.0545888E-34	9.1095345E-31	5.2917706E-11	2.9979246E+08	1.6726486E-27
	epsilon 0				aH			
	8.854188E-12				5.29465E-11			
		H2	w(0) Eq. (12.217)					
			1556.918904					
			312.9564664					
		k(0) (Eq. 12.219)	621.981219	Evib(0) (Eq. (12.220)) (eV)	A(0) (Eq. (12.221)) (m)	A (Eq. (12.221)) (a0)		
			8.62385E+14	0.56763688	4.27522E-12	0.080789992		
						Ac' (Eq. (12.222))		
						0.057127151	ecent XA	
			1317.633198					
			283.4938761					
			517.0696612	E vib (1) Eq. (12.223) (eV)				
			7.86298E+14	0.517554986				
			w(0) Eq. (12.225)					
		D2	1556.918904					
			312.9564664					
		k(0) (Eq. 12.226)	621.981219	Evib(0) (Eq. (12.227)) (eV)	A(0) (Eq. (12.228)) (m)	A (Eq. (12.228)) (a0)		
			6.09798E+14	0.401379887	3.59502E-12	0.067936015		
						Ac' (Eq. (12.222) and Eq. (12.228))		
						0.048038017	ecent XA	
			1352.639744					
			287.9753795					
			532.3321823	Evib(1) (Eq. (12.229)) (eV)				
			5.64143E+14	0.371328542				
	H2 rot	0.014819916						
	D2 rot	0.007409958						