

Landolt-Börnstein
Group II: Molecules and Radicals

Volume 19
Molecular Constants

Subvolume D1
Diatomic Radicals and Ions

Introductory material

1	Introduction (J. DEMAISON, W. HÜTTNER)	1
2	Constants of diamagnetic molecules (See Vols. 19A - C)	
3	Constants of radicals and ions	5
3.1	Diatomic radicals and ions (E. TIEMANN)	5
3.1.1	Preliminary remarks	5
3.1.2	The $^2\Sigma$ electronic state	8
3.1.3	The $^3\Sigma$ electronic state	57
3.1.4	Sigma states with high multiplicity	77
3.1.5	The $^2\Pi$ electronic state	85
3.1.6	The $^3\Pi$ electronic state	159
3.1.7	The $^1\Delta$ electronic state	182
3.1.8	Electronic states with orbital angular momentum $A \geq 2$ and spin $S \geq 1/2$	189
3.2	Polyatomic radicals and ions (See Vol. 19D2)	
4	Index of substances (See Vol. 19D3)	