

Landolt-Börnstein
Group II: Molecules and Radicals

Volume 14

Molecular Constants Mostly from Microwave, Molecular Beam, and Electron Resonance Spectroscopy

Subvolume B

Radicals, Diatomic Molecules and Substance Index

	Introductory material	
3	Figures (J. DEMAISON, A. DUBRULLE)	1
4	Constants of radicals	24
4.1	Diatomic radicals (E. TIEMANN)	24
4.1.1	Preliminary remarks	24
4.1.2	The $^2\Sigma$ electronic state	24
4.1.3	The $^3\Sigma$ electronic state	58
4.1.5	The $^2\Pi$ electronic state	102
4.1.6	The $^3\Pi$ electronic state	155
4.1.7	The $^1\Delta$ electronic state	166
4.1.8	The electronic states $^4\Pi$, $^2\Delta$, and $^3\Delta$	170
4.2	Polyatomic free radicals (J.M. BROWN)	171
4.2.0	Introduction	171
4.2.1	Linear polyatomic radicals	171
4.2.2	Non-linear triatomic radicals	179
4.2.3	Non-linear larger radicals	286
	Index of substances for Volumes 4, 6 and 14	312

<http://www.springer.com/978-3-540-11857-2>

Radicals, Diatomic Molecules and Substance Index

Brown, J.M.; Demaison, J.; Dubrulle, A.; Hüttner, W.;

Tiemann, E.

1983, 373 p., Hardcover

ISBN: 978-3-540-11857-2