

**Landolt-Börnstein**  
**Group II: Molecules and Radicals**

**Volume 9**  
**Magnetic Properties of Free Radicals**

**Subvolume A**  
**Atoms, Inorganic Radicals, and Radicals in Metal Complexes**

	Title Page, Preface	
	General introduction (H. FISCHER)	1
1	Inorganic radicals (J.R. MORTON, K.F. PRESTON)	5
1.1	Introduction	5
1.2	Tables	7
1.2.1	Hydrogen-centered radicals	7
1.2.2	Lithium-centered radicals	15
1.2.3	Beryllium-centered radicals	15
1.2.4	Boron-centered radicals	16
1.2.5	Carbon-centered radicals	20
1.2.6	Nitrogen-centered radicals	50
1.2.7	Oxygen-centered radicals	81
1.2.8	Fluorine-centered radicals	120
1.2.9	Sodium-centered radicals	131
1.2.10	Magnesium-centered radicals	134
1.2.11	Aluminum-centered radicals	134
1.2.12	Silicon-centered radicals	137
1.2.13	Phosphorus-centered radicals	141
1.2.14	Sulfur-centered radicals	156
1.2.15	Chlorine-centered radicals	178
1.2.16	Potassium-centered radicals	196
1.2.17	Calcium-centered radicals	200
1.2.18	Scandium-centered radicals	201
1.2.19	Vanadium-centered radicals	201
1.2.20	Cobalt-centered radicals	201
1.2.21	Copper-centered radicals	202
1.2.22	Zinc-centered radicals	205
1.2.23	Gallium-centered radicals	206
1.2.24	Germanium-centered radicals	207
1.2.25	Arsenic-centered radicals	208
1.2.26	Selenium-centered radicals	213
1.2.27	Bromine-centered radicals	222
1.2.28	Krypton-centered radicals	227
1.2.29	Rubidium-centered radicals	228
1.2.30	Strontium-centered radicals	231
1.2.31	Yttrium-centered radicals	232

1.2.32	Niobium-centered radicals	232
1.2.33	Rhodium-centered radicals	233
1.2.34	Silver-centered radicals	233
1.2.35	Cadmium-centered radicals	241
1.2.36	Indium-centered radicals	244
1.2.37	Tin-centered radicals	245
1.2.38	Antimony-centered radicals	247
1.2.39	Tellurium-centered radicals	248
1.2.40	Iodine-centered radicals	249
1.2.41	Xenon-centered radicals	252
1.2.42	Cesium-centered radicals	253
1.2.43	Barium-centered radicals	256
1.2.44	Lanthanum-centered radicals	257
1.2.45	Tungsten-centered radicals	257
1.2.46	Gold-centered radicals	258
1.2.47	Mercury-centered radicals	258
1.2.48	Thallium-centered radicals	261
1.2.49	Lead-centered radicals	263
1.2.50	Bismuth-centered radicals	267
1.2.51	Ytterbium-centered radicals	267
1.3	References for 1.2	268
2	Radicals in metal complexes (A. V.ZELEWSKY, C. DAUL)	290
2.1	Introduction	290
2.2	Tables	291
2.2.1	Complexes of group IIa: Mg, Ca, Sr, Ba	291
2.2.2	Complexes of group IIIb: B, Al, Ga, In	293
2.2.3	Complexes of group IVb: Ge, Sn, Pb	298
2.2.4	Complexes of group Vb: Sb	299
2.2.5	Complexes of group IIIa: Y, La, Lu	300
2.2.6	Complexes of group IVa: Ti	301
2.2.7	Complexes of group Va: V	303
2.2.8	Complexes of group VIa: Cr, Mo, W	303
2.2.9	Complexes of group VIIa: Mn, Re	311
2.2.10	Complexes of group VIII: Fe, Ru, Co, Rh, Ir, Ni, Pd, Pt	312
2.2.11	Complexes of group Ib: Cu, Ag	328
2.2.12	Complexes of group IIb: Zn, Cd, Hg	330
2.3	References for 2.2	340
	Index of Substances (See Vol. 9D2)	

Atoms, Inorganic Radicals and Radicals in Metal  
Complexes / Atome, anorganische Radikale und  
Radikale in Metallkomplexen

Daul, C.; Fischer, H.; Morton, F.H.; Preston, K.F.;  
Zelevsky, A. von

1977, 341 p., Hardcover

ISBN: 978-3-540-08019-0