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A list of additions and corrections to Volumes I and II is appended, pages 238 to 245.

## List of Tables

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	PREDICTED TERMS			PREDICTED TERMS—continued	
1	Mo I	XII	19	Re I	XXV
2	Tc I	XIII	20	Os I	XXVI
3	Ru I	XIV	21	Ir I	XXVII
4	Rh I	XV	22	Pt I	XXVII
5	Pd I	XVI	23	Au I	XXVIII
6	Ag I	XVI	24	Hg I	XXVIII
7	Cd I	XVII	25	Tl I	XXIX
8	In I	XVII	26	Pb I	XXIX
9	Sn I	XVIII	27	Bi I	XXX
10	Sb I	XVIII	28	Po I	XXX
11	Te I	XIX	29	At I	XXXI
12	I I	XIX	30	Rn I	XXXI
13	Xe I	XX	31	Ra I	XXXII
14	Ba I	XX	32	Ac I	XXXII
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16	Hf I	XXII	35	Chemical Symbols	XXXVI
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18	W I	XXIV	37	Index—Isoelectronic Sequences	XXXVIII

\*\* The two groups of rare-earth spectra, Ce to Lu ( $Z=58$  to  $71$ ) and Th to Fm ( $Z=90$  to  $100$ ) will be included in Vol. IV. See references to these spectra in Table 33.

# Index to Spectra

Element	Z	Spectrum	Page	Element	Z	Spectrum	Page	
Molybdenum	42	Mo I.....	1	Tin	50	Sn I.....	74	
		Mo II.....	7			Sn II.....	80	
		Mo III.....	11			Sn III.....	82	
		Mo IV.....	12			Sn IV.....	83	
		Mo V.....	13			Sn V.....	84	
		Mo VI.....	14			Sn VI.....	85	
		Mo VII.....	15			Sn XXII.....	86	
		Mo VIII.....	15			Sn XXIV.....	86	
		Mo XVI.....	16	Antimony	51	Sb I.....	87	
Technetium	43	Tc I.....	17			Sb II.....	90	
		Tc II.....	19			Sb III.....	92	
Ruthenium	44	Ru I.....	20			Sb IV.....	93	
		Ru II.....	25			Sb V.....	94	
		Ru III.....	28			Sb VI.....	95	
Rhodium	45	Rh I.....	29	Sb XXIII.....	95			
		Rh II.....	32	Tellurium	52	Te I.....	96	
		Rh III.....	34			Te II.....	98	
Palladium	46	Pd I.....	38			Te III.....	100	
		Pd II.....	41			Te IV.....	101	
		Pd III.....	44			Te V.....	102	
		Pd XVIII.....	47			Te VI.....	103	
		Pd XX.....	47			Te VII.....	104	
Silver	47	Ag I.....	48	Iodine	53	I I.....	105	
		Ag II.....	50			I II.....	108	
		Ag III.....	52			I III.....	110	
		Ag XIX.....	54			I IV.....	111	
		Ag XXI.....	54			I VI.....	111	
Cadmium	48	Cd I.....	55	I VII.....	112			
			Cd II.....	58	I VIII.....	112		
			Cd III.....	60	Xenon	54	Xe I.....	113
			Cd IV.....	62			Xe II.....	118
			Cd XX.....	63			Xe III.....	120
			Cd XXII.....	63			Xe IV.....	123
Indium	49	In I.....	64	Cesium	55	Cs I.....	124	
		In II.....	67			Cs II.....	128	
		In III.....	70			Cs III.....	130	
		In IV.....	71	Barium	56	Ba I.....	131	
		In V.....	72			Ba II.....	134	
		In XXI.....	73			Ba IV.....	135	
		In XXIII.....	73	Lanthanum	57	La I.....	136	
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		Hf II.....	146			Tl II.....	204
Tantalum	73	Ta I.....	149			Tl III.....	206
		Ta II.....	154			Tl IV.....	207
Tungsten	74	W I.....	156	Lead	82	Pb I.....	208
		W II.....	161			Pb II.....	211
Rhenium	75	Re I.....	164			Pb III.....	213
		Re II.....	168			Pb IV.....	215
Osmium	76	Os I.....	171			Pb V.....	217
		Os II.....	176	Bismuth	83	Bi I.....	219
Iridium	77	Ir I.....	177			Bi II.....	221
		Platinum	78			Pt I.....	181
Pt II.....	183					Bi IV.....	223
Gold	79	Au I.....	186			Bi V.....	224
		Au II.....	189			Bi VI.....	225
Mercury	80	Hg I.....	191	Polonium	84	Po I.....	227
		Hg II.....	196			Radon	86
		Hg III.....	198	Rn II.....	230		
		Hg IV.....	200	Radium	88	Ra I.....	231
Actinium	89	Ac I.....	234			Ra II.....	233
		Ac II.....	235	Actinium	89	Ac I.....	234
		Ac III.....	237			Ac II.....	235
						Ac III.....	237