

Contents

Introduction 1

Part I Tc 11

Magnetic properties of neutral technetium(III) complex with mixed S, P-bidentate phosphine-thiolate ligand 13

Part II Re 15

Magnetic properties of dirhenium(II) phosphine complex containing dioxygen ligand 17

Magnetic properties of mixed-valence dirhenium(II) complex containing dioxygen and xylylisocyanide ligands 19

Magnetic properties of manganese(II) hexafluoroacetylacetonato complex with metalloligand [ReCl(CO)₃(tpt)] 20

Magnetic properties of iron(II) hexafluoroacetylacetonato complex with metalloligand [ReCl(CO)₃(tpt)] 22

Magnetic properties of cobalt(II) hexafluoroacetylacetonato complex with metalloligand [ReCl(CO)₃(tpt)] 24

Magnetic properties of nickel(II) hexafluoroacetylacetonato complex with metalloligand [ReCl(CO)₃(tpt)] 26

Magnetic properties of copper(II) hexafluoroacetylacetonato complex with metalloligand [ReCl(CO)₃(tpt)] 28

Magnetic properties of mixed pyrimidine-2-thiolate/triphenylphosphine rhenium(III) complex 30

Magnetic properties of mixed pyrimidine-2-thiolate/triphenylphosphine rhenium(III) complex 31

Magnetic properties of mixed pyrimidine-2-thiolate/triphenylphosphine rhenium(III) complex 32

Magnetic properties of nitrosyl rhenium complex 33

Magnetic properties of mixed valent dirhenium, Re₂(III, II) acetamidate complex 35

Magnetic properties of rhenium(III) aqua complex with diphenylphosphino-diphenylphosphonic-amine 37

Part III Fe 39

Magnetic properties of permethylindenyl complex of iron 41

Magnetic properties of σ -acetylide complex of iron(II) 43

Magnetic properties of σ -alkenyl complex of iron(II) 44

Magnetic properties of σ -alkynyl complex of iron(II) 45

Magnetic properties of 17-electron iron(III) hydride radical cation	46
Magnetic properties of novel 3D coordination polymer	47
Magnetic properties of dimeric iron(II) homoleptic iminoacyl complex	48
Magnetic properties of dimeric iron(II) homoleptic iminoacyl complex	49
Magnetic properties of half-sandwich hydride complex of iron containing 1, 2-bis(diisopropylphosphino)ethane	51
Magnetic properties of half-sandwich hydride complex of 1, 2-bis(diisopropylphosphino)ethane	52
Magnetic properties of cyclopentadienyl-1, 2-bis(diisopropylphosphino)ethaneiron(II) tetraphenylborate	53
Magnetic properties of 1, 2-bis(diisopropylphosphino)ethane pentamethylcyclopentadienyliron(II) tetraphenylborate	54
Magnetic properties of acetonitrile-1, 2-bis(diisopropylphosphino)ethane pentamethylcyclopentadienyliron(II)	55
Magnetic properties of chlorocyclopentadienyl-1, 2-bis(diisopropyl phosphino) ethaneiron(III) tetraphenylborate	56
Magnetic properties of chloro-1, 2-bis(diisopropylphosphino)ethane pentamethylcyclopentadienyliron(III)tetraphenylborate	58
Magnetic properties of tetrakis(methylammonium)hexachloroferrate(III) chloride	59
Magnetic properties of selenium/iron stellated octahedral cluster	61
Magnetic properties of bis[2, 6-bis(benzimidazol-2-yl)pyridine]iron(II) perchlorate	63
Magnetic properties of dinuclear Fe(III) complex, μ -oxo-bis(bipyridyl)- tetranitratodiiron(III)	66
Magnetic properties of iron(III) complex of hydroxamate-based siderophore analogue	68
Magnetic properties of bis[2, 6-bis(benzimidazol-2-yl)pyridineiron(II)] tetraphenylborate tetrahydrate	70
Magnetic properties of bis[2, 6-bis(benzimidazol-2-yl)pyridineiron(II)] tetraphenylborate dihydrate	73
Magnetic properties of μ -alkoxo-diiron(II, II) complex with N, N, N', N'-tetrakis(2-pyridylmethyl)-1, 4-diaminobutane-2-olate	74
Magnetic properties of mixed valence μ -alkoxo-diiron(II, III) complex with N, N, N', N'-tetrakis(2-pyridylmethyl)-1, 4-diaminobutane-2-olate	76
Magnetic properties of mixed valence μ -alkoxo-diiron(II, III) complex with N, N, N', N'-tetrakis[2-(6-methylpyridyl)methyl]-1, 4-diamino butane-2-olate	79
Magnetic properties of μ -carbanato- μ -oxobis[{N, N'-bis(2-pyridylmethyl)-N, N'-bis(methyl)-1, 2(-) cyclohexanediamine}iron(III)] perchlorate tetrahydrate	81
Magnetic properties of μ -bicarbanato- μ -oxobis[{N, N'-bis(2-pyridylmethyl)-N, N'-bis(methyl)-1, 2(-) cyclohexanediamine}iron(III)] perchlorate monohydrate	83
Magnetic properties of μ -acetato- μ -oxobis[{N, N'-bis(2-pyridylmethyl)-N, N'-bis(methyl)-1, 2(-) cyclohexanediamine}iron(III)] perchlorate dihydrate	85

Magnetic properties of asymmetric trinuclear complex with 1, 4, 7-trimethyl-1, 4, 7-triazacyclononane and pivalate ligands	87
Magnetic properties of (μ -oxo)bis[<i>meso</i> -tetrakis(<i>p</i> -tolyl-porphyrinato)iron(III)	89
Magnetic properties of (μ -oxo)bis[N, N'-ethylenebis(2-acetylphenoliminato)iron(III)	91
Magnetic properties of iron(II) bis[2, 6-bis(N-pyrazolyl)pyridine] complex	93
Magnetic properties iron(III) alkoxide cluster containing dibenzoylmethane	94
Magnetic properties hexanuclear iron(III) oxide cluster: octahedral [Fe ₆ O ₂] ¹⁴⁺	96
Magnetic properties hexanuclear iron(III) oxide cluster: octahedral [Fe ₆ O ₂] ¹⁴⁺	98
Magnetic properties octanuclear iron(III) oxide cluster:[Fe ₈ O ₄] ¹⁶⁺ species	99
Magnetic properties of strontium ^(II) iron ^(II) diphosphate containing infinite chains of edge-sharing FeO ₆ octahedra	101
Magnetic properties of tetranuclear iron(III) complex with 1, 3-bis(1, 4, 7-triaza-1-cyclononyl)-2-hydroxypropane	103
Magnetic properties of iron(III) complex with 5-(2-hydroxybenzylidene) aminobenzopyrazole	106
Magnetic properties of bis[tris(1-pyrazolyl)methane]iron(II) perchlorate	107
Magnetic properties of iron(III) complex of Schiff-base (derived from the condensation of 1 mol of 3-ethoxysalicylaldehyde and N-aminopropylaziridine)	109
Magnetic properties mixed ligand bimetallic (Fe-Fe)-N-bridged dimer	111
Magnetic properties of bis(pentamethylcyclopentadienyl)iron(III)tris (4, 5-dimercapto-1, 3-dithiole-2-thionatotungsten(V)	112
Magnetic properties of bis(pentamethylcyclopentadienyl)iron(III)tris (4, 5-dimercapto-1, 3-dithiole-2-thionato)molybdenum(V)	114
Magnetic properties of an octanuclear iron(III) cation	116
Magnetic properties of a linear trinuclear ferric complex containing a μ -oxo-bis(μ -acetato) and a μ -hydroxo-bis(μ -acetato) bridge	118
Magnetic properties of iron(II) complex with 2, 2'-dihydroxyoxanilide	120
Magnetic properties of iron(II) complex with 2, 2'-dihydroxyoxanilide	121
Magnetic properties of iron(III) chloride complex with diacetylbis-(4-methoxybenzoylhydrazone)	123
Magnetic properties of dimeric iron(III) complex with diacetylbis-(4-methoxybenzoylhydrazone)	124
Magnetic properties of dimeric iron(III) chloride complex with diacetylbis-(4-methoxybenzoylhydrazone)	125
Magnetic properties of iron(III) glycine complex with diacetylbis-(4-methoxybenzoylhydrazone)	126
Magnetic properties of iron(III) acetylacetone complex with diacetylbis-(4-methoxybenzoylhydrazone)	127
Magnetic properties of iron(III) salicylaldehyde complex with diacetylbis-(4-methoxybenzoylhydrazone)	128

Magnetic properties of iron(III) acetylacetonate complex with diacetylbis-(4-methoxybenzoylhydrazine)129

Magnetic properties of iron(III) pyridine chloride complex with diacetylbis-(4-methoxybenzoylhydrazine)130

Magnetic properties of iron(III) triphenylphosphine chloride complex with diacetylbis-(4-methoxybenzoylhydrazine)131

Magnetic properties of iron(III) triphenylphosphine complex with diacetylbis-(4-methoxybenzoylhydrazine)132

Magnetic properties of iron(III) dimethylamine complex with diacetylbis-(4-methoxybenzoylhydrazine)133

Magnetic properties of iron(III) benzyl complex with diacetylbis-(4-methoxybenzoylhydrazine)134

Magnetic properties of mixed ligand complex of iron(II) picrates with isonicotinic acid hydrazide135

Magnetic properties of iron(III) complex with polystyrene-anchored Schiff-base ligand136

Magnetic properties of bis(acetylacetonato)-nonaisopropoxodizirconato iron(III)137

Magnetic properties of acetylacetonato-bis-(nonaisopropoxodizirconato) iron(III)138

Magnetic properties of dichloro-nonaisopropoxodizirconatoiron(III)139

Magnetic properties of acetylacetonato-bis(N, N'-diethyldithiocarbamato)iron(III)140

Magnetic properties of bis(acetylacetonato) N, N'-diethyldithiocarbamato iron(III)141

Magnetic properties of bis(N, N'-diethyldithiocarbamato)-oxalato-iron(III)142

Magnetic properties of N, N'-diethyldithiocarbamatobis(oxalato)-iron(III)143

Magnetic properties of bis(N, N'-diethyldithiocarbamato)glycinato-iron(III)144

Magnetic properties of N, N'-diethyldithiocarbamatodiglycinatoiron(III)145

Magnetic properties of tetraoxomolybdate complex of iron(II) diimine146

Magnetic properties of tetraoxotungstate complex of iron(II) diimine147

Magnetic properties of tetraoxomolybdate complex of iron(II) diimine148

Magnetic properties of tetraoxotungstate complex of iron(II) diimine149

Magnetic properties of iron(III) complex of monophenylbutazone150

Magnetic properties of iron(III) complex of 2-formylthiophene S-methyldithiocarbamate151

Magnetic properties of iron(II) complex with (N-salicylidene)glycine152

Magnetic properties of iron(II) complex with (N-salicylidene)-L-alanine153

Magnetic properties of iron(II) complex with (N-salicylidene)-L-phenylalanine154

Magnetic properties of iron(II) complex with (N-salicylidene)-L-valine155

Magnetic properties of iron(II) complex with (N-salicylidene)-L-leucine156

Magnetic properties of iron(II) complex with (N-salicylidene)-L-histidine157

Magnetic properties of iron(II) complex with (N-salicylidene)-L-tryptophan158

Magnetic properties of iron(II) complex with N-(2-hydroxy-1-naphthylidene)glycine	.159
Magnetic properties of iron(II) complex with N-(2-hydroxy-1-naphthylidene)-L-alanine	.160
Magnetic properties of iron(II) complex with N-(2-hydroxy-1-naphthylidene)-L-phenylalanine	.161
Magnetic properties of iron(II) complex with N-(2-hydroxy-1-naphthylidene)-L-valine	.162
Magnetic properties of iron(II) complex with N-(2-hydroxy-1-naphthylidene)-L-leucine	.163
Magnetic properties of iron(II) complex with N-(2-hydroxy-1-naphthylidene)-L-histidine	.164
Magnetic properties of iron(II) complex with N-(2-hydroxy-1-naphthylidene)-L-tryptophan	.165
Magnetic properties of iron(III) complex with oxyphenbutazone	.166
Magnetic properties of iron(III) complex of Schiff-base ligand	.167
Magnetic properties of iron(III) complex of bis(bismuthiol-1-yl)borate	.169
Magnetic properties of iron(III) complex with diclofenac sodium	.170
Magnetic properties of dimeric iron(II) complex of diacetylmonoximeisonicotinoyl hydrazone	.171
Magnetic properties of imidazoline bridged binuclear Fe(III)-Fe(III) complex of acyclic binucleating μ -bis(tetradentate)diamide ligand	.172
Magnetic properties of imidazoline bridged binuclear Fe(III)-Zn(II) complex of acyclic binucleating μ -bis(tetradentate)diamide ligand	.173
Magnetic properties of iron(III) chloride complex with 1, 3-disuccinimide(4-phenyl-5-ethoxycarbonyl-6-methylpyrimidine-2-one)	.174
Magnetic properties of polynuclear iron(II) chloride complex with 2, 3-dihydrazinoquinoxaline	.175
Magnetic properties of iron(III) complex with 3-(3, 5-dimethylpyrazol-1-yl)quinoxaline-2-one	.176
Magnetic properties of nearly linear Iron(III)Nickel(II)Nickel(II)Iron(III) complex	.177
Magnetic properties of perylene salt with tetrachloroferrate(III) anion	.179
Magnetic properties of perylene salt with tetrabromoferrate(III) anion	.181
Magnetic properties of pyridinium di[bis(maleonitriledithiolato) iron(III)]	.183
Magnetic properties of bis[6-(<i>tert</i> -butyliminomethyl)phenylamido] iron(II)	.186
Magnetic properties of novel oxo-centered dinuclear iron complex	.187
Magnetic properties of dinuclear iron(III) complex with tetradentate Schiff-base [N, N'-bis(salicylidene)propylenediamine]	.190
Magnetic properties of iron(III) complex with tetradentate Schiff-base [N, N'-bis(salicylidene)propylenediamine] and 2, 2'-bipyridyl	.192
Magnetic properties of iron(III) complex with tetradentate Schiff-base [N, N'-bis(salicylidene)propylenediamine] and phenanthroline	.194
Magnetic properties of iron(III) complex with tetradentate Schiff-base [N, N'-bis(salicylidene)propylenediamine] and terephthalic acid	.196

Magnetic properties of iron(III) complex with tetradentate Schiff-base [N, N'-bis(salicylidene)propylenediamine] and fumaric acid	197
Magnetic properties of 5-fluorouracil complex with Fe(III)	198
Magnetic properties of mixed ligand, 5-fluorouracil and histidine complex with Fe(III)	199
Magnetic properties of iron(III) complex with chiral salen-type ligand	200
Magnetic properties of iron(II) complex with asymmetric tetraaminodiphenol macrocyclic ligand	201
Magnetic properties of oxamido-bridged heterodinuclear copper(II)-iron(II) complex with 2, 2'-bipyridyl	202
Magnetic properties of oxamido-bridged heterodinuclear copper(II)-iron(II) complex with 1, 10-phenanthroline	204
Magnetic properties of oxamido-bridged heterodinuclear copper(II)-iron(II) complex with 4, 4'-dimethyl-2, 2'-bipyridine	206
Magnetic properties of oxamido-bridged heterodinuclear copper(II)-iron(II) complex with 5-nitro-1, 10-phenanthroline	208
Magnetic properties of oxamido-bridged heterodinuclear copper(II)-iron(II) complex with 5-chloro-1, 10-phenanthroline	210
Magnetic properties of oxamido-bridged heterodinuclear copper(II)-iron(II) complex with 5-methyl-1, 10-phenanthroline	212
Magnetic properties of μ -oxo-binuclear iron(III) complex with 2, 2'-bipyridine and chlorine anion as terminal ligands	214
Magnetic properties of bis(μ -carboxylato-O, O')diiron(II) complex with pentadentate dinucleating pyridine containing ligand	216
Magnetic properties of triply thiolate-bridged Ni^{II} - Fe^{III} amine-thiolate complex	217
Magnetic properties of sterically hindered iron(II) thiolate complex with carbon monoxide	218
Magnetic properties of benzoate bridged diiron(II) complex	219
Magnetic properties of triflate bridged diiron(II) complex	221
Magnetic properties of chloride bridged diiron(II) complex	223
Magnetic properties of tris(pyridyl)benzimidazoleiron(II)	225
Magnetic properties of μ -oxo-bridged diiron(III) complex	227
Magnetic properties of μ -oxo- μ -acetato-bridged diiron(III) complex	228
Magnetic properties of mononuclear complex of iron(II) with N, N'-bis(3-hydroxysalicylidene)-1, 3-diamino-2-propanol	229
Magnetic properties of iron(III) complex with a tetradentate pyridine amide ligand	230
Magnetic properties of μ -oxo-bridged dimeric iron(III) complex with a tetradentate pyridine amide ligand	232
Magnetic properties of heterodinuclear iron(III)-nickel(II) Schiff-base complex	234
Magnetic properties of heterodinuclear iron(III)-nickel(II) Schiff-base complex	236

Magnetic properties of heterodinuclear iron(III)-Cu(II) Schiff-base complex	238
Magnetic properties of heterodinuclear iron(III)-Cu(II) Schiff-base complex	240
Magnetic properties of heterodinuclear iron(III)-nickel(II) Schiff-base complex	242
Magnetic properties of 2, 2'-bipyrimidine-bridged dinuclear iron(II) complex	244
Magnetic properties of iron(III) complex with 1, 2-bis(pyridine-2-carboxamido)-benzene and pyridine	246
Magnetic properties of iron(III) complex with 1, 2-bis(pyridine-2-carboxamido)-benzene and azide	248
Magnetic properties of iron(III) complex with 1, 2-bis(pyridine-2-carboxamido)-benzene and acetate	249
Magnetic properties of iron(III) complex with 1, 2-bis(pyridine-2-carboxamido)-benzene and cyanide	250
Magnetic properties of iron(III) complex with 4, 5-dichloro-1, 2-bis(pyridine-2-carboxamido)-benzene and pyridine	251
Magnetic properties of iron(III) complex with 4, 5-dichloro-1, 2-bis(pyridine-2-carboxamido)-benzene and chlorine	252
Magnetic properties of iron(III) complex with 4, 5-dichloro-1, 2-bis(pyridine-2-carboxamido)-benzene and acetate	253
Magnetic properties of oxo-bridged dinuclear iron(III) complex of tetradentate ligand	255
Magnetic properties of oxo-bridged dinuclear iron(III) complex of tetradentate ligand	257
Magnetic properties of iron(III) complex with 3, 5-diisopropylsalicylate	259
Magnetic properties of iron(III) complex with 3, 5-diiodosalicylate	260
Magnetic properties of iron(III) complex with 3, 5-dichlorosalicylate	261
Magnetic properties of 1, 1'-tetramethylenediimidazole bridged iron(III) complex with quadridentate Schiff-base	262
Magnetic properties of 1, 1'-tetramethylenediimidazole bridged iron(III) complex with quadridentate Schiff-base	264
Magnetic properties of 1, 1'-tetramethylenediimidazole bridged iron(III) complex with quadridentate Schiff-base	266
Magnetic properties of iron(III) deformed porphyrin π -cation radical	268
Magnetic properties of iron(III) deformed porphyrin π -cation radical	270
Magnetic properties of iron(III) deformed porphyrin π -cation radical	272
Magnetic properties of iron(II) complex with 2, 6-bis(benzimidazol-2-yl)pyridine (spin-state equilibria in non-aqueous solution)	274
Magnetic properties of iron(II) complex with 4-chloro-2, 6-bis(benzimidazol-2-yl)pyridine	276
Magnetic properties of iron(II) complex with 4-hydroxo-2, 6-bis(benzimidazol-2-yl)pyridine	278
Magnetic properties of charge transfer salt of ferracarborane with 2, 3-dichloro-5, 6-dicyano- <i>p</i> -benzoquinone	280
Magnetic properties of iron(II) maleonitrile dithiolate-complex as pyridinium salt	282

Magnetic properties of iron(III) nitrate complex with 1-methylbenzotriazole	284
Magnetic properties of triiodo-triphenylphosphineferrate(II) as triphenyliodophosphonium salt	286
Magnetic properties of triiodo-tris(<i>p</i> -methoxyphenyl)phosphineferrate(II) as tris(<i>p</i> -methoxyphenyl)iodophosphonium salt	287
Magnetic properties of triiodo-trimethylarsineferrate(II) as trimethyliodoarsinium salt	288
Magnetic properties of iron(III) complex with tridentate Schiff-base having PNO donor set	289
Magnetic properties of iron(III) complex with tridentate Schiff-base having PNO donor set	290
Magnetic properties of iron(III) complex with tridentate Schiff-base having PNO donor set	291
Magnetic properties of iron(III) complex with tridentate Schiff-base having NNO donor set	292
Magnetic properties of iron(III) complex with tridentate Schiff-base having NNO donor set	293
Magnetic properties of iron(III) complex with tridentate Schiff-base having NNS donor set	294
Magnetic properties of iron(III) complex with 1, 4, 7-tris(pyrazol-3-ylmethyl)-1, 4, 7-triazacyclononane	295
Magnetic properties of bimetallic heptanuclear cyano bridged iron(II)-copper(II) complex with tris(2-pyridylmethyl)amine	296
Magnetic properties of mixed-metal (Fe ₃ -Cu) thiolate complex with a ‘truncated’ adamantane-like structure	298
Magnetic properties of a cyano bridged iron(III) linear chain with alternating Fe(CN) ₆ -Fe(cyclam)	300
Magnetic properties of a cyano-bridged molecular magnet with a novel two dimensional brick wall structure	302
Magnetic properties of anionic metal dicyanamide with tris(bipyridyl)iron(II) cation	304
Magnetic properties of iron(III) complex with non-planar porphyrin	306
Magnetic properties of iron(III) complex with non-planar porphyrin	307
Magnetic properties of iron(III) complex with benzoylglycine	309
Magnetic properties of iron(III) complex with ethylphthaloylglycine	310
Magnetic properties of O, O'-(2, 2-dimethylpropylene)dithiophosphate of iron(III)	311
Magnetic properties of O, O'-(1, 1, 2, 2-tetramethylethylene)dithiophosphate of iron(III)	312
Magnetic properties of O, O'-(1-methylpropylene)dithiophosphate of iron(III)	313
Magnetic properties of O, O'-(1, 1, 2, 2-tetramethylethylene)dithiophosphate of iron(II)	314
Magnetic properties of O, O'-(2, 2-dimethylpropylene)dithiophosphate of iron(II)	315
Magnetic properties of O, O'-(1-methylpropylene)dithiophosphate of iron(II)	316

Magnetic properties of 2, 2'-bipyridine adduct of iron(II) alkylene dithiophosphate	317
Magnetic properties of 2, 2'-bipyridine adduct of iron(II) alkylene dithiophosphate	318
Magnetic properties of 1, 10-phenanthroline adduct of iron(II) alkylene dithiophosphate	319
Magnetic properties of triphenylphosphine adduct of iron(II) alkylene dithiophosphate	320
Magnetic properties of iron(II) chloro complex with neutral malonamide	321
Magnetic properties of iron(III) chloride complex with Schiff-base ligand	322
Magnetic properties of iron(III) perchlorate complex with Schiff-base ligand	323
Magnetic properties of iron(III) azide complex with Schiff-base ligand	324
Magnetic properties of iron(III) benzimidazolate complex with Schiff-base ligand	325
Magnetic properties of iron(III) formate complex with Schiff-base ligand	326
Magnetic properties of iron(III) complex with 3-hydroxy-2(1 <i>H</i>)-pyridinone	327
Magnetic properties of iron(III) complex with 2, 3-dihydroxybenzoic acid	328
Magnetic properties of iron(III) complex with 2, 3-dihydroxybenzoic acid	329
Magnetic properties of iron(III) complex with 3, 4-dihydroxybenzoic acid	331
Magnetic properties of iron(III) complex with 3, 4-dihydroxybenzoic acid	332
Magnetic properties of iron(III) complex with 3, 4-dihydroxybenzoic acid	333
Magnetic properties of iron(III) complex with neutral and anionic 2-formylpyridine- N(4)-antipyrinylthiosemicarbazone	334
Magnetic properties of iron(II) complex with N-(6-amino-3-methyl-5-nitroso-4-oxo-3, 4-dihydropyrimidin-2yl)glycine	335
Magnetic properties of heterobinuclear copper(II)-iron(II) complex with N, N'-bis(2-aminopropyl)oxamide and bipyridine	336
Magnetic properties of heterobinuclear copper(II)-iron(II) complex with N, N'-bis(2-aminopropyl)oxamide and 1,10-phenanthroline	338
Magnetic properties of heterobinuclear copper(II)-iron(II) complex with N, N'-bis(2-aminopropyl)oxamide and 4,4'-dimethyl-2,2'-bipyridine	340
Magnetic properties of heterobinuclear copper(II)-iron(II) complex with N, N'-bis(2-aminopropyl)oxamide and 5-nitro-1,10-phenanthroline	341
Magnetic properties of heterobinuclear copper(II)-iron(II) complex with N, N'-bis(2-aminopropyl)oxamide and 5-chloro-1,10-phenanthroline	342
Magnetic properties of heterobinuclear copper(II)-iron(II) complex with N, N'-bis(2-aminopropyl)oxamide and 5-methyl-1,10-phenanthroline	343
Magnetic properties of iron(III) complex with 2-hydroxynaphthalene-1-carboxaldehyde	344
Part IV Ru	345
Magnetic properties of <i>trans</i> -aquatrichlorobis(5, 7-dimethyl[1, 2, 4]triazolo [1, 5- <i>a</i>]pyrimidine-N ³)ruthenium(III) monohydrate	347
Magnetic properties of bimetallic, mixed valent, Ru ₂ complex with bidentate bridging ligand, 4, 4'-bipyridine	348

Magnetic properties of bimetallic, mixed valent, Ru ₂ complex with bidentate bridging ligand, 4, 4'-bipyridine	350
Magnetic properties of bimetallic, mixed valent, Ru ₂ complex with bidentate bridging ligand, 1, 4-diazabicyclooctane	352
Magnetic properties of iodo ruthenium complex with sulfur-rich coordination sphere	354
Magnetic properties of diamine-bis(2-hydroxynaphthaldehyde)ruthenium(III) bromide	355
Magnetic properties of diammonia-bis[glyoxal-bis(2'-hydroxyanil)] ruthenium(III) bromide	356
Magnetic properties of diamine-bis[N-(2-hydroxybenzanilide)]ruthenium(III) bromide	357
Magnetic properties of <i>trans-trans-trans</i> -ruthenium(III) complex of N-phenyl-2-pyridine carboxaldehyde	358
Magnetic properties of <i>cis-cis-trans</i> -ruthenium(III) complex of N-phenyl-2-pyridine carboxaldehyde	359
Magnetic properties of <i>cis-trans-cis</i> -ruthenium(III) complex of N-phenyl-2-pyridine carboxaldehyde	360
Magnetic properties of ruthenium(III) complex with bipyridyl	361
Magnetic properties of ruthenium(III) complex with bipyridine	362
Magnetic properties of diruthenium complex with 2-chloro-6-hydroxypyridine	363
Magnetic properties of ruthenium(III) complex with salicylaldehyde and triphenylphosphine	365
Magnetic properties of ruthenium(III) complex with 2-hydroxy-acetophenone and triphenylphosphine	367
Magnetic properties of ruthenium(III) complex with 2-hydroxynaphthaldehyde	369
Magnetic properties of ruthenium(III) dimethyldithiophosphate	370
Magnetic properties of ruthenium(III) diethyldithiophosphate	372
Magnetic properties of mixed ligand tris chelate of ruthenium(III) with acetylacetone and 2-(2'-methoxyphenylazo)-4-methylphenol	374
Magnetic properties of mixed ligand tris chelate of ruthenium(III) with acetylacetone and 2-(<i>p</i> -tolylazo)-4-methylphenol	375
Magnetic properties of mixed ligand tris chelate of ruthenium(III) with acetylacetone and 2-(phenylazo)-4-methylphenol	376
Magnetic properties of mixed ligand tris chelate of ruthenium(III) with acetylacetone and 2-(2'-chlorophenylazo)-4-methylphenol	377
Magnetic properties of mixed ligand tris chelate of ruthenium(III) with acetylacetone and 2-(2'-nitrophenylazo)-4-methylphenol	378
Magnetic properties of mixed ligand tris chelate of ruthenium(III) with acetylacetone and 1-(phenylazo)-2-naphthol	379
Magnetic properties of ruthenium(III) complex with 1, 4, 7-triazacyclononane	380
Magnetic properties of dinuclear ruthenium(III) chloro complex with 1, 2-bis(1, 4, 7-triazacyclononan-1-yl)ethane	381

Magnetic properties of dinuclear ruthenium(III) bromo complex with 1, 2-bis(1, 4, 7-triazacyclononan-1-yl)ethane	382
Magnetic properties of dinuclear oxo and carbonato bridged ruthenium(III) complex with 1, 2-bis(1, 4, 7-triazacyclononan-1-yl)ethane	383
Magnetic properties of bis[2-amino-N-(2'-carboxyphenyl)-benzamido]ruthenium(III) bromide	385
Magnetic properties of ruthenium(III) complex with 2-hydroxy-naphthalene-1-carboxaldehyde	386
Magnetic properties of dichloro-bis(triphenylphosphine)-salicylaldehyde-imine ruthenium(III)	387
Magnetic properties of dichloro-bis(triphenylphosphine)-2-hydroxy-acetophenone-imine ruthenium(III)	388
Magnetic properties of dichloro-bis(triphenylphosphine)-2-hydroxy-benzophenone-imine ruthenium(III)	389
Part V Os	391
Magnetic properties of osmium(III) complex with salicylaldehyde and bipyridine	393
Magnetic properties of osmium(III) complex with 2-hydroxyacetophenone and bipyridine	394
Magnetic properties of osmium(III) complex with 2-hydroxynaphthaldehyde and bipyridine	395
Magnetic properties of osmium(IV) chloride complex with 5, 10, 15, 20-tetra(<i>p</i> -tolyl)porphyrin	396
Magnetic properties of osmium(IV) chloride complex with 2, 3, 7, 8, 12, 13, 17, 18-octaethylporphyrin	397
Magnetic properties of diphenylosmium(V) complex with 5, 10, 15, 20-tetra(<i>p</i> -tolyl)porphyrin	398
Magnetic properties of <i>trans</i> -dichloro(isonitrosoketonato)-(isonitrosoketone)osmium(III)	399
Magnetic properties of <i>trans</i> -dibromo(isonitrosoketonato)-(isonitrosoketone)osmium(III)	401
Magnetic properties of <i>trans</i> -dichloro(isonitrosoketonato)-(isonitrosoketone)osmium(III)	403
Magnetic properties of <i>trans</i> -dibromo(isonitrosoketonato)-(isonitrosoketone)osmium(III)	405
Magnetic properties of <i>trans</i> -dichloro(isonitrosoketonato)-(isonitrosoketone)osmium(III)	407
Magnetic properties of <i>trans</i> -dibromo(isonitrosoketonato)-(isonitrosoketone)osmium(III)	408
Magnetic properties of mixed ligand complex of osmium(III) with glucine and 8-quinolinol	409
Magnetic properties of mixed ligand complex of osmium(III) with picolinic acid and 8-quinolinol	410
Magnetic properties of mixed ligand complex of osmium(III) with quinaldic acid and 8-quinolinol	411
Magnetic properties of mixed ligand complex of osmium(IV) with glycine and 8-quinolinol	412

Magnetic properties of mixed ligand complex of osmium(IV) with picolinic acid and 8-quinolinol	413
Part VI Co	415
Magnetic properties of mixed ligand complex of osmium(IV) with quinaldic acid and 8-quinolinol	417
Magnetic properties of permethylindenyl complex of cobalt	418
Magnetic properties of a isomeric cobalt carbonyl complex with a bridging diphosphine ligand	419
Magnetic properties of isomeric cobalt carbonyl complex with a bridging diphosphine ligand	420
Magnetic properties of cobalt(II) complex of 1, 4, 7, 11, 14, 17-hexathiacycloeicosane	421
Magnetic properties of cobalt(II) complex of 1, 4, 7-trithiecan-9-ol	422
Magnetic properties of cobalt(II) complex of 1, 11-dioxa-4, 8, 14, 18-tetrathiacycloeicosane	424
Magnetic properties of dinuclear cobalt(II) chloride complex of 1, 2, 4, 5-tetrakis(4, 5-dihydro-imidazol-2-yl)benzene	425
Magnetic properties of dinuclear cobalt(II) bromide complex of 1, 2, 4, 5-tetrakis(4, 5-dihydro-imidazol-2-yl)benzene	427
Magnetic properties of dinuclear cobalt(II) chloride complex of 1, 2, 4, 5-tetrakis(4, 5-dihydro-imidazol-2-yl)benzene	429
Magnetic properties of dinuclear cobalt(II) bromide complex of 1, 2, 4, 5-tetrakis(4, 5-dihydro-imidazol-2-yl)benzene	431
Magnetic properties of cobalt(II) ethylene-di(5'-methylbenzo)-9, 10-(4', 5'-dimethoxybenzo)-[14]-1, 4, 8, 11-[N ₄]-7, 12-diene)	432
Magnetic properties of cobalt(II) ethylene-di(5'-methylbenzo)-9, 10-(4', 5'-dihydroxybenzo)-[14]-1, 4, 8, 11-[N ₄]-7, 12-diene)	434
Magnetic properties of [(N, N-dimethyl-1, 2-diaminoethane)bis-{1-(2-thienyl)-4, 4, 4-trifluoro-1, 3-butanedionato}cobalt(II)]	436
Magnetic properties of [(N, N, N', N'-tetramethyl-1, 2-diaminoethane)bis-{1-(2-thienyl)-4, 4, 4-trifluoro-1, 3-butanedionato}cobalt(II)]	437
Magnetic properties of di-tetraphenylphosphonium-μ-acetato-N, N, N', N'-tetrakis (carboxylatemethyl)-2, 6-diamino-cresolato dicobaltate(II)	439
Magnetic properties of diaqua-bis(1, 3-dimethyl-(1H, 3H)-pteridine-2, 4-dione) cobalt(II) perchlorate hydrate	441
Magnetic properties of diaqua-bis(1, 3, 6, 7-tetramethylpteridine-2, 4-(1H, 3H)-dione) cobalt(II) perchlorate	442
Magnetic properties of [(η ³ -cyclooctenyl)-1, 2-bis(diisopropylphosphino)ethane-cobalt(II)] tetrafluoroborate	443
Magnetic properties of [(η ³ -cyclooctenyl)-1, 2-bis(dicyclohexylphosphino)ethane-cobalt(II)] tetrafluoroborate	444
Magnetic properties of [(η ³ -2-methylallyl)-bis(cyclohexylphosphino)ethane-cobalt(II)] tetrafluoroborate	445

Magnetic properties of $[(\eta^3\text{-cyclooctenyl})\text{-1, 2-bis(dicyclohexylphosphino)ethane-(carbonyl)cobalt(II)}]$ tetrafluoroborate	446
Magnetic properties of $[(\eta^3\text{-2-methylallyl})\text{-1, 2-bis(dicyclohexylphosphino)propane-cobalt(II)}]$ tetrafluoroborate	447
Magnetic properties of diaqua-bis{1, 3-dimethyl-(1H, 3H)-pteridine-2, 4-dione}cobalt(II) nitrate dihydrate	448
Magnetic properties of diaqua-bis{1, 3, 6, 7-tetramethylpteridine-2, 4-(1H, 3H)-dione}cobalt(II) nitrate dihydrate	450
Magnetic properties of bis(tetrabutylammonium){ $[\mu\text{-di(trimethylsilyl- acetylene)cis-dipentafluorophenyl}]\text{platinum(II)}[\text{dichlorocobalt(II)}]$	452
Magnetic properties of bis(tetrabutylammonium)-{ $[\mu\text{-di}(t\text{-butylacetylene})\text{cis-(dipentafluorophenyl)}]\text{platinum(II)}[\text{dichlorocobalt(II)}]$	454
Magnetic properties of bis(tetrabutylammonium){ $[\mu\text{-tetra}(t\text{-butyl-acetylene})]\text{tetrachlorodicobalt(II)}$	455
Magnetic properties of bis(tetrabutylammonium){ $[\mu\text{-tetra(trimethylsilyl- acetylene)}]\text{tetrachlorodicobalt(II)}$	456
Magnetic properties of N, N'-bis(3- <i>t</i> -butyl-2-hydroxy-5-methylbenzyliden)-1, 7-diamino-4-methyl-4-azaheptano)cobalt(II)	457
Magnetic properties of dinuclear copper(II)-cobalt(II) complex of a phenol-based macrocycle	459
Magnetic properties of cobalt(III) complex of the 20-membered macrocyclic hexathioether	461
Magnetic properties of 1, 4, 7, 10, 13, 16-hexathiacyclooctadecane cobalt(III) tetrafluoroborate	462
Magnetic properties of cobalt(II) bis-terpyridyl complex	463
Magnetic properties of cobalt(II) bis[6-(N-pyrazolyl)-2, 2'-bipyridine] complex	464
Magnetic properties of cobalt(II) bis[2, 6-bis(N-pyrazolyl)pyridine] complex	465
Magnetic properties of cobalt(II) complex with 5-(2-hydroxy-benzylidene)aminobenzopyrazole	466
Magnetic properties of bis(dimethylviolurato)-(phenanthroline)cobalt(II)	467
Magnetic properties of cobalt(II) tellurolate as trimethylphosphine adduct	469
Magnetic properties of cobalt(II) complex of 5-(α -furyl)-1-phenylpent-1-yne-3, 5-dione	471
Magnetic properties of cobalt(II) complex of 5-(α -pyridyl)-1-phenylpent-1-yne-3, 5-dione	472
Magnetic properties of cobalt(II) complex with 3-salicylidene acetylacetoneimino-N, N-bis(anthranilic acid)	473
Magnetic properties of cobalt(II) complex with 2, 2'-dihydroxyoxanilide	474
Magnetic properties of cobalt(II) complex with 2, 2'-dihydroxyoxanilide	475
Magnetic properties of mixed ligand complex of cobalt(II) picrates with isonicotinic acid hydrazide	476
Magnetic properties of cobalt(II) complex with 5-mercapto-4-salicylideneimino-s-triazole	477

Magnetic properties of cobalt(II) complex with 4-(2-hydroxynaphthalideneimino)-5-mercapto- <i>s</i> -triazole	478
Magnetic properties of cobalt(II) complex with 5-mercapto-4-salicylideneimino- <i>s</i> -triazole	479
Magnetic properties of cobalt(II) complex with 4-(<i>p</i> -dimethylaminobenzylideneimino)-5-mercapto- <i>s</i> -triazole	480
Magnetic properties of cobalt(II) complex with a tetradentate thioiminato Schiff-base ligand	481
Magnetic properties of cobalt(II) complex with indan-1, 3-dione-2-isonicotinoyl hydrazone	482
Magnetic properties of cobalt(II) complex with salicylaldehyde morpholine N-thiohydrazone	483
Magnetic properties of cobalt(II) complex with 2-hydroxyacetophenone morpholine N-thiohydrazone	484
Magnetic properties of aqua-salicylaldehyde-4-methoxybenzoyl-hydrazonatocobalt(II)	485
Magnetic properties of triaqua-hydrosalicylaldehyde-4-methoxybenzoyl-hydrazonatocobalt(II) nitrate	486
Magnetic properties of triaqua-hydrosalicylaldehyde-4-methoxybenzoyl-hydrazonatocobalt(II) chloride	487
Magnetic properties of bis(hydrosalicylaldehyde-4-methoxybenzoyl-hydrazone)cobalt(II)	488
Magnetic properties of bis(hydrodiacetylmonoxime-4-methoxybenzoyl-hydrazone)cobalt(II)	489
Magnetic properties of aqua-bis(hydro- <i>o</i> -hydroxyacetophenone-4-methoxybenzoylhydrazone)dicobalt(II)	490
Magnetic properties of bis(<i>o</i> -hydroxyacetophenone-4-methoxybenzoyl-hydrazone)dicobalt(II) hydrate	491
Magnetic properties of cobalt(II) complex with ferrocenyl Schiff-base	492
Magnetic properties of cobalt(II) complex with ferrocenyl Schiff-base	493
Magnetic properties of cobalt(II) complex with ferrocenyl Schiff-base	494
Magnetic properties of cobalt(II) complex with oxyphenbutazone	495
Magnetic properties of cobalt(II) complex of bis(bismuthiol-1-yl)borate	496
Magnetic properties of cobalt(II) complex with 3-hydrazino-5, 6-diphenyl-1, 2, 4-triazine	497
Magnetic properties of cobalt(II) thiocyanate complex with 2-ethyl-benzimidazole	498
Magnetic properties of cobalt(II) thiocyanate complex with 2- <i>n</i> -propyl-benzimidazole	499
Magnetic properties of cobalt(II) thiocyanate complex with 2- <i>i</i> -propyl-benzimidazole	500
Magnetic properties of cobalt(II) thiocyanate complex with 2- <i>n</i> -butyl-benzimidazole	501
Magnetic properties of cobalt(II) perchlorate complex with benzimidazole	502
Magnetic properties of cobalt(II) perchlorate complex with 2-methylbenzimidazole	503
Magnetic properties of cobalt(II) perchlorate complex with 2-ethylbenzimidazole	504

Magnetic properties of cobalt(II) perchlorate complex with 2- <i>n</i> -propylbenzimidazole	505
Magnetic properties of cobalt(II) perchlorate complex with 2- <i>i</i> -propylbenzimidazole	506
Magnetic properties of dimeric cobalt(II) complex of diacetylmonoximeisonicotinoyl hydrazone	507
Magnetic properties of cobalt(II) nitrate complex with salicylaldehyde- 4-methoxybenzoylhydrazone	508
Magnetic properties of cobalt(II) chloride complex with salicylaldehyde- 4-methoxybenzoylhydrazone	509
Magnetic properties of cobalt(II) complex with salicylaldehyde-4-methoxy benzoylhydrazone	510
Magnetic properties of cobalt(II) complex with salicylaldehyde-4-methoxy benzoylhydrazone	511
Magnetic properties of cobalt(II) complex with salicylaldehyde-4-methoxy benzoylhydrazone	512
Magnetic properties of cobalt(II) complex with salicylaldehyde-4-methoxy benzoylhydrazone	513
Magnetic properties of cobalt(II) chloride complex with 1, 3-disuccinimide-(4-phenyl- 5-ethoxycarbonyl-6-methylpyrimidine-2-one)	514
Magnetic properties of dinuclear cobalt(II) chloride complex with 2, 3-dihydrazinoquinoxaline	515
Magnetic properties of mononuclear cobalt(II) complex with 13-membered macrocycle, 1, 5, 8, 11-tetra-azacyclotridecane-2, 4-dione	516
Magnetic properties of trinuclear lanthanum(III)-cobalt(II), La ₂ -Co, complex with 13-membered macrocycle, 1, 5, 8, 11-tetra-azacyclo tridecane-2, 4-dione	517
Magnetic properties of cobalt(II) complex with 4-cinnamalideneamino-3-ethyl- 5-mercapto- <i>s</i> -triazole	518
Magnetic properties of cobalt(II) complex with 4-cinnamalideneamino-3-ethyl- 5-mercapto- <i>s</i> -triazole	519
Magnetic properties of cobalt(II) complex with α -(2-hydroxyphenyl)-N-(2-nitrocyclohexyl) nitron	520
Magnetic properties of cobalt(II) picrate complex with 2-aminobenzothiazole	521
Magnetic properties of cobalt(II) picrate complex with 2-(2'-aminophenyl) benzothiazole	522
Magnetic properties of cobalt(II) picrate complex with 2-(3'-aminophenyl) benzothiazole	523
Magnetic properties of cobalt(II) picrate complex with bipyridyl	524
Magnetic properties of cobalt(II) picrate complex with <i>o</i> -phenanthroline	525
Magnetic properties of cobalt(II) picrate complex with 2, 6-bis(benzimidazole-2'-yl)pyridine	526
Magnetic properties of cobalt(II) complex with 3-(3, 5-dimethylpyrazol-1-yl) quinoxaline-2-one	527
Magnetic properties of cobalt(II) chloride complex with azole based biheterocyclic ligand	528

Magnetic properties of cobalt(II) thiocyanate complex with azole based biheterocyclic ligand	529
Magnetic properties of cobalt(II) chloride complex with azole based biheterocyclic ligand	530
Magnetic properties of cobalt(II) thiocyanate complex with azole based biheterocyclic ligand	531
Magnetic properties of cobalt(II) complex with heteroaroyl-hydrazone	532
Magnetic properties of cobalt(II) complex with heteroaroyl-hydrazone	533
Magnetic properties of cobalt(II) complex with heteroaroyl-hydrazone	534
Magnetic properties of cobalt(II) complex with heteroaroyl-hydrazone	535
Magnetic properties of cobalt(II) complex of N, N'-ethylene-bis-salicylaldimine	536
Magnetic properties of cobalt(II) complex of N, N'-1, 3-propylene-bis-salicylaldimine	537
Magnetic properties of cobalt(II) complex of 1, 2-N, N'-propylene-bis-salicylaldimine	538
Magnetic properties of binuclear N ₆ 22-membered tetraimine hexaazamacrocyclic cobalt(II) complex	539
Magnetic properties of binuclear N ₆ 22-membered tetraimine hexaazamacrocyclic cobalt(II) complex	540
Magnetic properties of cobalt(II) complex of dibasic hexadentate Schiff-base	541
Magnetic properties of cobalt(II) complex of dibasic hexadentate Schiff-base	542
Magnetic properties of cobalt(II) complex of dibasic hexadentate Schiff-base	543
Magnetic properties of cobalt(II) complex of dibasic hexadentate Schiff-base	544
Magnetic properties of cobalt(II) complex of dibasic hexadentate Schiff-base	545
Magnetic properties of cobalt(II) complex of dibasic hexadentate Schiff-base	546
Magnetic properties of cobalt(II) complex of dibasic hexadentate Schiff-base	547
Magnetic properties of cobalt(II) complex of dibasic hexadentate Schiff-base	548
Magnetic properties of pyridinium di[bis(maleonitriledithiolato) cobalt(III)]	549
Magnetic properties of bis[6-(<i>tert</i> -butyliminomethyl)phenylamido]cobalt(II)	551
Magnetic properties of cobalt(II) complex with 2-(pyrazol-1-ylmethyl)pyridine	552
Magnetic properties of cobalt(II) complex with 2-(pyrazol-1-ylmethyl)pyridine	553
Magnetic properties of cobalt(II) complex with 2-(pyrazol-1-ylmethyl)pyridine	555
Magnetic properties of nitrosodicyanomethanide cobalt(II) complex with imidazole	557
Magnetic properties of cobalt(II) complex with asymmetric tetraiminodiphenol macrocyclic ligand	559
Magnetic properties of cobalt(II) complex with neutral dibenzoinlidene- <i>o</i> -phenylenediamine	561
Magnetic properties of bimetallic cobalt(II) complex with neutral dibenzoinlidene- <i>p</i> -phenylenediamine	562
Magnetic properties of cobalt(II) complex with dibasic form of dibenzoinlidene- <i>o</i> -phenylenediamine	563

Magnetic properties of bimetallic cobalt(II) complex with dibasic form of dibenzoinlidene- <i>p</i> -phenylenediamine	564
Magnetic properties of cobalt(II) complex with diclofenac	565
Magnetic properties of cobalt(II) complex with diclofenac	566
Magnetic properties of cobalt(II) complex with N-(5-bromo-hydroxyphenylaldimate)	567
Magnetic properties of cobalt(II) complex with N-ethyl-5-bromo-1-hydroxy-2-phenylaldimate	568
Magnetic properties of cobalt(II) complex with N- <i>n</i> -butyl-5-bromo-1-hydroxy-2-phenylaldimate	569
Magnetic properties of cobalt(II) complex with N-isopropyl-5-bromo-1-hydroxy-2-phenylaldimate	570
Magnetic properties of cobalt(II) complex with N- <i>tert</i> -butyl-5-bromo-1-hydroxy-2-phenylaldimate	571
Magnetic properties of cobalt(II) complex with N-phenyl-5-bromo-1-hydroxy-2-phenylaldimate	572
Magnetic properties of a monomeric, 17-electron compound of cobalt with pentamethylcyclopentadienyl and acetylacetone	573
Magnetic properties of linear heterotrinnuclear (Co ^{III} Ni ^{II} Co ^{III}) complex containing μ_2 -thiophenolate bridging ligand	575
Magnetic properties of linear heterotrinnuclear (Co ^{III} Ni ^{III} Co ^{III}) complex containing μ_2 -thiophenolato bridging ligand	577
Magnetic properties of linear tricobalt compound with di(2-pyridyl)amide	579
Magnetic properties of cobalt(II) complex with N, N'-bis-(3- <i>tert</i> -butyl-5-methylsalicylidene) 2, 3-diamino-2, 3-dimethylbutane	582
Magnetic properties of cobalt(II) complex with N, N'-bis-(3- <i>tert</i> -butyl-5-chlorosalicylidene) 2, 3-diamino-2, 3-dimethylbutane	583
Magnetic properties of mononuclear complex of cobalt(II) with N, N'-bis(3-hydroxysalicylidene)-1, 3-diamino-2-propanol	584
Magnetic properties of polynuclear complex of dicobalt(II), Co ₂ with N, N'-bis(3-hydroxysalicylidene)-1, 3-diamino-2-propanol	585
Magnetic properties of cyano-bridged, Cu ₃ Co ₂ , heteropolynuclear complex	586
Magnetic properties of first tetranuclear oxamide bridged copper(II)-iron(III) complex of macrocyclic ligand	588
Magnetic properties of first tetranuclear oxamide bridged copper(II)-iron(III) complex of macrocyclic ligand	590
Magnetic properties of heterobimetallic complex derived from bis(1-ethoxycarbonyl-1-cyanoethylene-2, 2-dithiolato)diargentate(I) and cobalt(II)	592
Magnetic properties of dinuclear cobalt(II) complex with reduced Schiff-base ligand derived from 2, 6-diformyl-4-methylphenol and α - ω -diamine	593
Magnetic properties of cobalt(II) complex with D-gluconic acid	594

Magnetic properties of cobalt(II) complex with reduced N ₂ SO tetradentate Schiff-base ligand	595
Magnetic properties of cobalt(II) complex with reduced N ₂ SO tetradentate Schiff-base ligand	597
Magnetic properties of cobalt(II) complex with permethylindenyl	598
Magnetic properties of hetero trimetallic copper(II)-cobalt(II), Cu ₂ Co, complex with 1, 3, 5-tris(pyrazol-1-ylmethyl)benzene	599
Magnetic properties of cobalt(II) complex with 8, 17-bis-(2-pyridylmethyl)-functionalized derivative of a 14-membered <i>trans</i> -N ₂ S ₂ dibenzo macrocycle 6, 7, 8, 9, 15, 16, 17, 18-octahydrodibenzo [f, m] [1, 8, 4, 11]dithiadiazacyclotetradecine	600
Magnetic properties of bis(trialkylphosphine)oxide complex of cobalt(II)	602
Magnetic properties of bis(trialkylphosphine)oxide complex of cobalt(II)	603
Magnetic properties of cobalt(II) complex with crown thioether 2, 5, 8-trithia[a]- <i>o</i> -benzophenone	604
Magnetic properties of 1:1 salt containing the bis(η^6 -hexamethylbenzene)cobalt cation	605
Magnetic properties of 1:1 salt containing the bis(η^6 -hexamethylbenzene)cobalt cation	607
Magnetic properties of 1:1 salt containing the bis(η^6 -hexamethylbenzene)cobalt cation	609
Magnetic properties of 1:1 salt containing the bis(η^6 -hexamethylbenzene)cobalt cation	610
Magnetic properties of cobalt(II) complex with 3, 5-diisopropylsalicylate	612
Magnetic properties of a charge transfer compound of electron-acceptor moiety [CoL ₂] and 5, 10-dimethyl-dihydrophenazine	613
Magnetic properties of five coordinate lewis-base adduct of cobalt(II) Schiff-base complex with a S ₂ N ₃ ligand environment	615
Magnetic properties of five coordinate lewis-base adduct of cobalt(II) Schiff-base complex with a S ₂ N ₃ ligand environment	617
Magnetic properties of five coordinate lewis-base adduct of cobalt(II) Schiff-base complex with a S ₂ N ₃ ligand environment	619
Magnetic properties of five coordinate lewis-base adduct of cobalt(II) Schiff-base complex with a S ₂ N ₃ ligand environment	621
Magnetic properties of cobalt(II) hydride derivative with triethoxyphenylphosphine	623
Magnetic properties of 2, 2'-bipyrimidine bridged dinuclear cobalt(II) complex	624
Magnetic properties of 2, 2'-bipyrimidine bridged dinuclear cobalt(II) complex	626
Magnetic properties of 2, 2'-bipyrimidine bridged dinuclear cobalt(II) complex	628
Magnetic properties of cobalt(II) hydrous diarsenates with an intersecting tunnel structure	630
Magnetic properties of cobalt(II) maleonitrile dithiolate-complex as pyridinium salt	632
Magnetic properties of cobalt(II) complex with pyridylmethyl pendant-armed derivative of O ₂ N ₂ donor macrocyclic ligand	634
Magnetic properties of cobalt(II) complex with pyridylmethyl pendant-armed derivative of O ₂ N ₂ donor macrocyclic ligand	635

Magnetic properties of cobalt(II) complex with pyridylmethyl pendant-armed derivative of O ₂ N ₂ donor macrocyclic ligand	636
Magnetic properties of mixed-valence (4Co ^{II} -4Co ^{III}) carboxylate cluster having bis-pyridine ligands	637
Magnetic properties of chloro-bridged cobalt(II) complex with tetrahydrofuran and methanol having unique chains of alternating octahedral and tetrahedral cobalt(II) sites	639
Magnetic properties of cobalt(II) complex with {N-[4-(aminophenyl)sulfonyl]acetamide}	640
Magnetic properties of cobalt(III) complex with two different carboxamido nitrogens and two thiolato sulfur donors	642
Magnetic properties of cobalt(II) complex with 8-quinolinsulfonamide	644
Magnetic properties of cobalt(II) complex with cinoxacin	645
Magnetic properties of cobalt(II) complex of diclofenac	646
Magnetic properties of cobalt(II) complex of diclofenac	647
Magnetic properties of cobalt-tellurium “stellated” octahedral cluster	648
Magnetic properties of cobalt(II) complex of tridentate heterocyclic ligand, pyridine-2-carbaldehyde pyridine-2'-ylhydrazone	649
Magnetic properties of cobalt(II) complex of tridentate heterocyclic ligand, pyridine-2-carbaldehyde pyridine-2'-ylhydrazone	651
Magnetic properties of cobalt(II) complex of tridentate heterocyclic ligand, pyridine-2-carbaldehyde pyridine-2'-ylhydrazone	653
Magnetic properties of cobalt(II) complex with benzoylglycine	655
Magnetic properties of cobalt(II) complex with ethylphthaloylglycine	656
Magnetic properties of <i>o</i> -nitrophenoxide complex of cobalt(II)	657
Magnetic properties of 2, 6-dichlorophenoxide complex of cobalt(II)	658
Magnetic properties of 2, 4-dichlorophenoxide complex of cobalt(II)	659
Magnetic properties of <i>m</i> -chlorophenoxide complex of cobalt(II)	660
Magnetic properties of <i>o</i> -chlorophenoxide complex of cobalt(II)	661
Magnetic properties of <i>o</i> -bromophenoxide complex of cobalt(II)	662
Magnetic properties of <i>p</i> -bromophenoxide complex of cobalt(II)	663
Magnetic properties of 2, 4-dimethylphenoxide complex of cobalt (II)	664
Magnetic properties of phenoxide complex of cobalt(II)	665
Magnetic properties of cobalt(II) complex with uric acid	666
Magnetic properties of copper(II)-cobalt(II)-copper(II) trinuclear complex with N, N'-bis(2-aminoethyl)oxamidocopper(II)	667
Magnetic properties of cobalt(II) chloro complex with neutral malonamide	669
Magnetic properties of cobalt(II) complex with lactic acid	670
Magnetic properties of cobalt(II) chloride complex with methyl-2-amino-4-diethylaminothieno[2, 3-d] pyrimidine-6-carboxylate	671

Magnetic properties of cobalt(II) bromide complex with methyl-2-amino-4-diethylaminothieno[2, 3-d] pyrimidine-6-carboxylate	.672
Magnetic properties of cobalt(II) chloride complex with methyl-2-amino-4-ethylphenylaminothieno[2, 3-d] pyrimidine-6-carboxylate	.673
Magnetic properties of cobalt(II) bromide complex with methyl-2-amino-4-ethylphenylaminothieno[2, 3-d] pyrimidine-6-carboxylate	.674
Magnetic properties of cobalt(II) chloride complex with methyl-2-amino-4-morpholinthieno[2, 3-d] pyrimidine-6-carboxylate	.675
Magnetic properties of cobalt(II) bromide complex with methyl-2-amino-4-morpholinthieno[2, 3-d] pyrimidine-6-carboxylate	.676
Magnetic properties of cobalt(II) complex with salicylaldehyde isonicotinoyl hydrazone (hydrated)	.677
Magnetic properties of cobalt(II) complex with hydrazide Schiff-base	.678
Magnetic properties of cobalt(II) complex with hydrazide Schiff-base	.679
Magnetic properties of dinuclear cobalt(II), Co ₂ complex with hydrazide Schiff-base	.680
Magnetic properties of cobalt(II) chloro complex with 2-formylpyridine-N(4) antipyrinylthiosemicarbazone	.681
Magnetic properties of cobalt(II) bromo complex with 2-formylpyridine-N(4) antipyrinylthiosemicarbazone	.682
Magnetic properties of cobalt(II) acetato complex with 2-formylpyridine-N(4) antipyrinylthiosemicarbazone	.683
Magnetic properties of cobalt(II) complex with N, N-bis(1-methylbenzimidazol-2-ylmethyl) methylamine	.684
Magnetic properties of binuclear cobalt(II) complex with the tetraacetylene dianion as a bridging ligand	.685
Magnetic properties of cobalt(II) complex with N-(6-amino-3-methyl-5-nitroso-4-oxo-3,4-dihydropyrimidin-2yl)glycine	.687
Magnetic properties of cobalt(II) complex of 4-(sulfonylazido)phenylazo-pyrazolone	.688
Magnetic properties of cobalt(II) complex of 4-(sulfonylazido)phenylazo-pyrazolone	.689
Magnetic properties of anhydrous cobalt(II) complex of 4-(sulfonylazido)-phenylazopyrazolone	.690
Magnetic properties of cobalt(II) complex with 2-hydroxynaphthalene-1-carboxaldehyde	.691
Magnetic properties of cobalt(II) complex with 2-hydroxynaphthalene-1-carboxaldehyde	.692
Magnetic properties of cobalt(II) complex with 2-hydroxynaphthalene-1-carboxaldehyde	.693
Magnetic properties of tetrachloro-phthalato-bridged cobalt(II) binuclear complex	.694
Magnetic properties of tetrachloro-phthalato-bridged cobalt(II) binuclear complex	.696
Magnetic properties of tetrachloro-phthalato-bridged cobalt(II) binuclear complex	.698
Magnetic properties of cobalt(II) complex with N-(2-chloro-6-methylphenyl)pyridine-2-carboxamide	.700
Magnetic properties of cobalt(III) complex of 4-carbaldehyde-2-nitrosophenol	.701

Magnetic properties of cobalt(III) complex of 4-bromo-2-nitrosophenol	702
Magnetic properties of cobalt(III) complex of 4-methyl-2-nitrosophenol	703
Magnetic properties of cobalt(III) complex of 4-nitro-2-nitrosophenol	704
Magnetic properties of cobalt(III) complex of 2-nitroso- <i>m</i> -cresol	705
Magnetic properties of binuclear cobalt(II) complex with 3,5-diacetyl-amino-1, 2, 4-triazole	706
Part VII Rh	709
Magnetic properties of caesium hexachlororhodate(IV)	711
Part VIII Ir	713
Magnetic properties of bis(triisopropylphosphonium)hexachloro iridiumate(IV)	715
Magnetic properties of first paddlewheel complex with a doubly-bonded Ir ₂ ⁶⁺ core	716
Part IX Ni	719
Magnetic properties of nickel(III) bis(3)-1, 2-dicarbollide charge transfer complex with tetrathiotetracene	721
Magnetic properties of nickel(III) bis(3)-1, 2-dicarbollide charge transfer complex with tetraselenotetracene	723
Magnetic properties of nickel(II) complex of 6-amino-2-thiouracil	725
Magnetic properties of diaqua-bis(6-amino-2-thiouracilato)nickel(II)	726
Magnetic properties of nickel(II) complex of 1, 4, 7, 11, 14, 17-hexathiacycloeicosane	727
Magnetic properties of nickel(II) complex of 1, 4, 7-trithiecan-9-ol	729
Magnetic properties of nickel(II) complex of 1, 11-dioxa-4, 8, 14, 18-tetrathiacycloeicosane	730
Magnetic properties of nickel(II) complex of 5, 12-dimethyl-7, 14-diphenyl-1, 4, 8, 11-tetraazacyclotetradecane-4, 11-diacetic acid	731
Magnetic properties of copper(II)-nickel(II) heterodinuclear complex of Schiff-base derived from 1 mole of 2-hydroxy-5-methylbenzene-1, 3-dicarbaldehyde, 1 mole of 1, 3-diaminopropane and 2 moles of aniline	732
Magnetic properties of copper(II)-nickel(II) heterodinuclear complex of Schiff-base derived from 1 mole of 2-hydroxy-5-methylbenzene-1, 3-dicarbaldehyde, 1 mole of 1, 3-diaminopropane and 2 moles of <i>o</i> -methylaniline	734
Magnetic properties of copper(II)-nickel(II) heterodinuclear complex of Schiff-base derived from 1 mole of 2-hydroxy-5-methylbenzene-1, 3-dicarbaldehyde, 1 mole of 1, 3-diaminopropane and 2 moles of <i>p</i> -methoxyaniline	736
Magnetic properties of copper(II)-nickel(II) heterodinuclear complex of Schiff-base derived from 1 mole of 2-hydroxy-5-methylbenzene-1, 3-dicarbaldehyde, 1 mole of 1, 3-diaminopropane and 2 moles of <i>o</i> -methoxyaniline	738
Magnetic properties of copper(II)-nickel(II) heterodinuclear complex of Schiff-base derived from 1 mole of 2-hydroxy-5-methylbenzene-1, 3-dicarbaldehyde, 1 mole of 1, 3-diaminopropane and 2 moles of <i>o</i> -ethoxyaniline	740

Magnetic properties of copper(II)-nickel(II) heterodinuclear complex of Schiff-base derived from 1 mole of 2-hydroxy-5-methylbenzene-1, 3-dicarbaldehyde, 1 mole of 1, 3-diaminopropane and 2 moles of <i>o</i> -thiomethylaniline	742
Magnetic properties of nickel(II)-copper(II) heterodinuclear complex of Schiff-base derived from 1 mole of 2-hydroxy-5-methylbenzene-1, 3-dicarbaldehyde, 1 mole of 1, 3-diaminopropane and 2 moles of aniline	744
Magnetic properties of nickel(II)-copper(II) heterodinuclear complex of Schiff-base derived from 1 mole of 2-hydroxy-5-methylbenzene-1, 3-dicarbaldehyde, 1 mole of 1, 3-diaminopropane and 2 moles of <i>o</i> -methylaniline	746
Magnetic properties of nickel-copper(II) heterodinuclear complex of Schiff-base derived from 1 mole of 2-hydroxy-5-methylbenzene-1, 3-dicarbaldehyde, 1 mole of 1, 3-diaminopropane and 2 moles of <i>p</i> -methoxyaniline	748
Magnetic properties of nickel(II)-copper(II) heterodinuclear complex of Schiff-base derived from 1 mole of 2-hydroxy-5-methylbenzene-1, 3-dicarbaldehyde, 1 mole of 1, 3-diaminopropane and 2 moles of <i>o</i> -methoxyaniline	750
Magnetic properties of nickel(II)-copper(II) heterodinuclear complex of Schiff-base derived from 1 mole of 2-hydroxy-5-methylbenzene-1, 3-dicarbaldehyde, 1 mole of 1, 3-diaminopropane and 2 moles of <i>o</i> -ethoxyaniline	752
Magnetic properties of nickel(II)-copper(II) heterodinuclear complex of Schiff-base (derived from 1 mole of 2-hydroxy-5-methylbenzene-1, 3-dicarbaldehyde, 1 mole of 1, 3-diaminopropane and 2 moles of <i>o</i> -thiomethylaniline	754
Magnetic properties of nickel(II)-zinc(II) heterodinuclear complex of Schiff-base derived from 1 mole of 2-hydroxy-5-methylbenzene-1, 3-dicarbaldehyde, 1 mole of 1, 3-diaminopropane and 2 moles of aniline	756
Magnetic properties of nickel(II)-zinc(II) heterodinuclear complex of Schiff-base derived from 1 mole of 2-hydroxy-5-methylbenzene-1, 3-dicarbaldehyde, 1 mole of 1, 3-diaminopropane and 2 moles of <i>o</i> -methylaniline	758
Magnetic properties of nickel(II)-zinc(II) heterodinuclear complex of Schiff-base derived from 1 mole of 2-hydroxy-5-methylbenzene-1, 3-dicarbaldehyde, 1 mole of 1, 3-diaminopropane and 2 moles of <i>p</i> -methoxyaniline	760
Magnetic properties of nickel(II)-zinc(II) heterodinuclear complex of Schiff-base derived from 1 mole of 2-hydroxy-5-methylbenzene-1, 3-dicarbaldehyde, 1 mole of 1, 3-diaminopropane and 2 moles of <i>o</i> -methoxyaniline	762
Magnetic properties of nickel(II)-zinc(II) heterodinuclear complex of Schiff-base derived from 1 mole of 2-hydroxy-5-methylbenzene-1, 3-dicarbaldehyde, 1 mole of 1, 3-diaminopropane and 2 moles of <i>o</i> -ethoxyaniline	764
Magnetic properties of nickel(II)-zinc(II) heterodinuclear complex of Schiff-base derived from 1 mole of 2-hydroxy-5-methylbenzene-1, 3-dicarbaldehyde, 1 mole of 1, 3-diaminopropane and 2 moles of <i>o</i> -thiomethylaniline	766
Magnetic properties of nickel(II) complex of isoorotic acid	768
Magnetic properties of nickel(II) complex with 2-thioisoorotic acid	770
Magnetic properties of tetrabutylammonium[bis{nickel(II)(ethylene-5, 6: 13, 14-di(5'-methylbenzo)-9, 10-(4, 5'-catecholate)-[14]-1, 4, 8, 11-[N ₄]-7, 12-diene)}copper(II)]	771
Magnetic properties of 2, 6, 10, 14-tetraaza(15)-ferrocenophanenickel(II) acetate	773

Magnetic properties of nickel(II) complex of nitronyl nitroxide carboxylic acid	774
Magnetic properties of nickel(II) complex of phosphino-amine	776
Magnetic properties of dinuclear nickel(II) complex of 1, 4, 7-trimethyl-1, 4, 7-triazacyclononane with tris(μ -1, 3-azido)bridge	778
Magnetic properties of dinuclear nickel(II) complex of 1, 4, 7-trimethyl-1, 4, 7-triazacyclononane with tris(μ -1, 1-azido)bridge	780
Magnetic properties of dinuclear nickel(II) complex of 1, 4, 7-trimethyl-1, 4, 7-triazacyclononane with tris(μ -1, 3-azido)bridge	782
Magnetic properties of dinuclear nickel(II) chloride complex of oxamidic ligand	784
Magnetic properties of dinuclear nickel(II) acetate complex of oxamidic ligand	785
Magnetic properties of diaqua-bis(1, 3, 6, 7-tetramethylpteridine-2, 4-(1H, 3H)-dione) nickel(II) perchlorate	786
Magnetic properties of diaqua-bis(1, 3-dimethyl-(1H, 3H)-pteridine-2, 4-dione)nickel(II) perchlorate dihydrate	787
Magnetic properties of diaqua-bis{1, 3-dimethyl-(1H, 3H)-pteridine-2, 4-dione}nickel(II) nitrate dihydrate	788
Magnetic properties of diaqua-bis{1, 3, 6, 7-tetramethylpteridine-2, 4-(1H, 3H)-dione} nickel(II) nitrate dihydrate	790
Magnetic properties of <i>trans</i> -dinitro-1, 5, 8, 12-tetraazadodecane nickel(II) hydrate	792
Magnetic properties of <i>mer</i> -dinitro-N5-methyl-1, 5, 9-triazanonanenickel(II)	794
Magnetic properties of dinuclear nickel(II) complex containing N, N, N', N'-tetrakis [(1-methyl-2-benzimidazolyl)methyl-2-hydroxy-1, 3-diaminopropane and acetate ion	796
Magnetic properties of dinuclear nickel(II) complex containing N, N, N', N'-tetrakis [(1-ethyl-2-benzimidazolyl)methyl-2-hydroxy-1, 3-diamino propane and acetate ion	798
Magnetic properties of dinuclear nickel(II) complex containing N, N, N', N'-tetrakis [(1-ethyl-2-benzimidazolyl)methyl-2-hydroxy-1, 3-diaminopropane] and propionate ion	800
Magnetic properties of dinuclear copper(II)-nickel(II) complex of a phenol-based macrocycle	802
Magnetic properties of bis[μ -bis(3-(pyridin-2-yl)-1, 2, 4-triazole-N', N1, N2)] bis[triaquanickel(II)]tetranitrate	804
Magnetic properties of oximato-bridged heterobinuclear [Cu ^{II} Ni ^{II}] ₂ complex	806
Magnetic properties of dichloro-6-(2-dimethylaminoethyl)-6, 7-dihydro-5H-dibenz[c, e]azepinnickel(II)	808
Magnetic properties of di- μ -bromo-bis{[tris(2-pyridylmethyl)amine-K ⁴ -N]nickel(II)} bis(triethylammonium) tetraaperchlorate	809
Magnetic properties of di- μ -chloro-bis{[tris(2-pyridylmethyl)amine-K ⁴ -N]nickel(II)} bis(triethylammonium) tetraaperchlorate	811
Magnetic properties of nickel(II) chain complex bridged by the tetra-oxochromate unit	813
Magnetic properties of nickel(II) chain complex bridged by the tetra oxomolybdate unit	816
Magnetic properties of dimetallic nickel(II) complex of tris(2-(2-pyridyl methyl)amino) ethyl amine	819

Magnetic properties of Ni(II) complex of aminopyridine ligand	820
Magnetic properties of 1,4,7-aza-1,7-bis(2-pyridylmethyl)heptane-nickel(II) perchlorate	821
Magnetic properties of N, N'-bis(2-pyridylmethyl)ethylenediamine-nickel(II) perchlorate	822
Magnetic properties of methyl-2-[(2-pyridylmethylamino)ethyl]amine nickel(II) perchlorate	823
Magnetic properties of bis(2-pyridylmethyl)aminenickel(II) perchlorate	824
Magnetic properties of three dimensional nickel-sodium compound	825
Magnetic properties of nickel(II) complex with 5-(2-hydroxybenzylidene)-aminobenzopyrazole	827
Magnetic properties of dinuclear complex of nickel(II) with two azides as bridging ligands	828
Magnetic properties of dinuclear complex of nickel(II) with two azides as bridging ligands	830
Magnetic properties of dinuclear complex of nickel(II) with two azides as bridging ligands	832
Magnetic properties of nickel(II) complex of 5-(α -pyridyl)-1-phenylpent-1-yne-3, 5-dione	834
Magnetic properties of nickel(II) complex with Schiff-base	835
Magnetic properties of nickel(II) complex with 3-salicylidene acetylacetoneimino-N, N-bis(anthranilic acid)	836
Magnetic properties of the binuclear Ni(II)-Ni(II) complex with Schiff base binucleating ligand containing μ -acetato backbone and imino-phenol end groups	837
Magnetic properties of the binuclear Ni(II)-Zn(II) complex with Schiff base binucleating ligand containing μ -acetato backbone and imino-phenol end groups	838
Magnetic properties of nickel(II) complex with 2, 2'-dihydroxyoxanilide	839
Magnetic properties of ethylenediamine nickel(II) complex with (1, 1-dithiolatozincate)	840
Magnetic properties of bipyridylnickel(II) complex with (1, 1-dithiolatozincate)	842
Magnetic properties of <i>o</i> -phenantholinenickel(II) complex with (1, 1-dithiolatozincate)	844
Magnetic properties of ethylenediaminenickel(II) complex with 1, 1-dithiolatocadmte	846
Magnetic properties of bipyridylnickel(II) complex with (1, 1-dithiolatocadmte)	848
Magnetic properties of <i>o</i> -phenantholinenickel(II) complex with 1, 1-dithiolatocadmte(II)	850
Magnetic properties of ethylenediamine nickel(II) complex with 1, 1-dithiolatomercurate(II)	852
Magnetic properties of bipyridylnickel(II) complex with 1, 1-dithiolatomercurate(II)	854
Magnetic properties of <i>o</i> -phenantholinenickel(II) complex with 1, 1-dithiolatomercurate(II)	856
Magnetic properties of mixed ligand complex of nickel(II) picrates with isonicotinic acid hydrazide	858
Magnetic properties of nickel(II) complex with 5-mercapto-4-salicylideneimio- <i>s</i> -triazole	859

Magnetic properties of nickel(II) complex with 4-(2-hydroxy naphthalideneimino)-5-mercapto- <i>s</i> -triazole	860
Magnetic properties of nickel(II) complex with 5-mercapto-4-salicylideneimino- <i>s</i> -triazole	861
Magnetic properties of nickel(II) complex with 4-(<i>p</i> -dimethylaminobenzylideneimino)-5-mercapto- <i>s</i> -triazole	862
Magnetic properties of nickel(II) complex with indan-1, 3-dione-2-isonicotinoyl hydrazone	863
Magnetic properties of nickel(II) complex with polystyrene-anchored Schiff-base ligand	864
Magnetic properties of nickel(II) acetate complex of macrocycle ligand	865
Magnetic properties of nickel(II) chloride complex of macrocycle ligand	866
Magnetic properties of nickel(II) chloride complex with macrocycle ligand	867
Magnetic properties of nickel(II) complex with oxyphenbutazone	868
Magnetic properties of homotrinnuclear nickel(II) complex with 1, 8-bis(2'-hydroxyphenyl)-2, 3, 6, 7-tetraza-4, 5-dimethyl-1, 3, 5, 7-octatetraene	869
Magnetic properties of homotrinnuclear nickel(II) complex with 1, 8-bis(2'-hydroxyphenyl)-2, 3, 6, 7-tetraza-4, 5-dimethyl-1, 3, 5, 7-octatetraene	870
Magnetic properties of heterotrinnuclear nickel(II)-cobalt(II), NiCo ₂ , complex with 1, 8-bis(2'-hydroxyphenyl)-2, 3, 6, 7-tetraza-4, 5-dimethyl-1, 3, 5, 7-octatetraene	871
Magnetic properties of hetero trinnuclear nickel(II)-cobalt(II), NiCo ₂ , complex with 1, 8-bis(2'-hydroxyphenyl)-2, 3, 6, 7-tetraza-4, 5-dimethyl-1, 3, 5, 7-octatetraene	872
Magnetic properties of nickel(II) complex of Schiff-base ligand	873
Magnetic properties of nickel(II) complex of Schiff-base ligand	875
Magnetic properties of nickel(II) complex of Schiff-base ligand	877
Magnetic properties of nickel(II) complex of Schiff-base ligand	879
Magnetic properties of nickel(II) complex of Schiff-base ligand	881
Magnetic properties of nickel(II) complex of Schiff-base ligand	882
Magnetic properties of nickel(II) complex of bis(bismuthiol-1-yl)borate	883
Magnetic properties of nickel(II) thiocyanate complex with 2-ethyl-benzimidazole	884
Magnetic properties of nickel(II) thiocyanate complex with 2- <i>n</i> -propyl-benzimidazole	885
Magnetic properties of nickel(II) thiocyanate complex with 2- <i>i</i> -propyl-benzimidazole	886
Magnetic properties of nickel(II) thiocyanate complex with 2- <i>n</i> -butyl-benzimidazole	887
Magnetic properties of nickel(II) perchlorate complex with benzimidazole	888
Magnetic properties of nickel(II) perchlorate complex with 2-methylbenzimidazole	889
Magnetic properties of nickel(II) perchlorate complex with 2-ethylbenzimidazole	890
Magnetic properties of nickel(II) perchlorate complex with 2- <i>n</i> -propylbenzimidazole	891
Magnetic properties of nickel(II) perchlorate complex with 2- <i>i</i> -propylbenzimidazole	892
Magnetic properties of nickel(II) perchlorate complex with 2- <i>n</i> -butylbenzimidazole	893

Magnetic properties of dimeric nickel(II) complex of diacetylmonoximeisonicotinoyl hydrazone	894
Magnetic properties of nickel(II) chloride complex with 1, 3-disuccinimide(4-phenyl-5-ethoxycarbonyl-6-methylpyrimidine-2-one)	895
Magnetic properties of dinuclear nickel(II) chloride complex with 2, 3-dihydrazinoquinoxaline	896
Magnetic properties of mononuclear nickel(II) complex with 13-membered macrocycle, 1, 5, 8, 11-tetra-azacyclotridecane-2, 4-dione	897
Magnetic properties of trinuclear lanthanum(III)-nickel(II), La ₂ -Ni, complex with 13-membered macrocycle, 1, 5, 8, 11-tetra-azacyclo tridecane-2, 4-dione	898
Magnetic properties of nickel(II) complex with 4-cinnamalideneamino-3-ethyl-5-mercapto-s-triazole	899
Magnetic properties of nickel(II) complex with α -(2-hydroxyphenyl)-N-(2-nitrocyclohexyl) nitrone	900
Magnetic properties of nickel(II) chloride complex with macrocyclic ligand derived from 4-methyl-2, 6-diformylphenol and ethylenediamine	901
Magnetic properties of nickel(II) chloride complex with macrocyclic ligand derived from 4-methyl-2, 6-diformylphenol and 1, 3-diaminopropane	903
Magnetic properties of nickel(II) chloride complex with macrocyclic ligand derived from 4-methyl-2, 6-diformylphenol and <i>o</i> -phenylenediamine	905
Magnetic properties of nickel(II) chloride complex with macrocyclic ligand derived from 4-methyl-2, 6-dibenzoylphenol and ethylenediamine	907
Magnetic properties of nickel(II) chloride complex with macrocyclic ligand derived from 4-methyl-2, 6-dibenzoylphenol and 1, 3-diaminopropane	909
Magnetic properties of nickel(II) chloride complex with macrocyclic ligand derived from 4-methyl-2, 6-dibenzoylphenol and <i>o</i> -phenylenediamine	911
Magnetic properties of nickel(II) complex with 3-(3, 5-dimethylpyrazol-1-yl) quinoxaline-2-one	913
Magnetic properties of nickel(II) chloride complex with azole based biheterocyclic ligand	914
Magnetic properties of nickel(II) thiocyanate complex with azole based biheterocyclic ligand	915
Magnetic properties of nickel(II) chloride complex with azole based biheterocyclic ligand	916
Magnetic properties of nickel(II) thiocyanate complex with azole based biheterocyclic ligand	917
Magnetic properties of binuclear N ₆ 22-membered tetraimine hexaazamacrocyclic nickel(II) complex	918
Magnetic properties of binuclear N ₆ 22-membered tetraimine hexaazamacrocyclic nickel(II) complex	919
Magnetic properties of nickel(II) complex of dibasic hexadentate Schiff base	920
Magnetic properties of nickel(II) complex of dibasic hexadentate Schiff-base	921
Magnetic properties of nickel(II) complex of dibasic hexadentate Schiff-base	922

Magnetic properties of nickel(II) complex of dibasic hexadentate Schiff-base	923
Magnetic properties of nickel(II) complex of dibasic hexadentate Schiff-base	924
Magnetic properties of nickel(II) complex of dibasic hexadentate Schiff-base	925
Magnetic properties of nickel(II) complex of dibasic hexadentate Schiff-base	926
Magnetic properties of nickel(II) complex of dibasic hexadentate Schiff-base	927
Magnetic properties of bis(isopropylxanthato)pyrazinenickel(II)	928
Magnetic properties of N, N-diethylethylenediaminebis-(isopropylxanthato)nickel(II)	930
Magnetic properties of N, N'-diethylethylenediamine-bis(isopropylxanthato)nickel(II)	931
Magnetic properties of bis(isopropylxanthato)-N, N, N', N'-tetraethylenediaminenickel(II)	932
Magnetic properties of bis(dimethylsulfoxide)-bis(isopropylxanthato)nickel(II)	933
Magnetic properties of bis[6-(<i>tert</i> -butyliminomethyl)-phenylamido]nickel(II)	934
Magnetic properties of nickel(II) complex with 2-(pyrazol-1-ylmethyl)pyridine	935
Magnetic properties of nickel(II) complex with 2-(pyrazol-1-ylmethyl)pyridine	936
Magnetic properties of polymeric complex of nickel(II) with <i>cis</i> -4, 4'-bipyridine	937
Magnetic properties of trinuclear nickel(II) complex with N, N'-bis(2-aminoethyl)oxamide and ethylenediamine	939
Magnetic properties of homo-dinuclear nickel(II) complex with asymmetric tetraaminodiphenol macrocyclic ligand	941
Magnetic properties of hetero-dinuclear nickel(II)-copper(II) complex with asymmetric tetraaminodiphenol	943
Magnetic properties of hetero-dinuclear nickel(II)-cobalt(II) complex with asymmetric tetraaminodiphenol	945
Magnetic properties of hetero-tetranuclear Ni ₂ ^{II} -Fe ₂ ^{III} complex with asymmetric tetraaminodiphenol macrocyclic ligand	947
Magnetic properties of nickel(II) complex with neutral dibenzoinlidene- <i>o</i> -phenylenediamine	949
Magnetic properties of bimetallic nickel(II) complex with neutral dibenzoinlidene- <i>p</i> -phenylenediamine	950
Magnetic properties of nickel(II) complex with dibasic form of dibenzoinlidene- <i>o</i> -phenylenediamine	951
Magnetic properties of bimetallic nickel(II) complex with dibasic form of dibenzoinlidene- <i>p</i> -phenylenediamine	952
Magnetic properties of thiazolidinedithiocarbamate complex of nickel(II)	953
Magnetic properties of (μ-oxalato)nickel(II) complex with 1, 2-diaminopropane	954
Magnetic properties of bis-chelate and tris-chelate complex of nickel(II) with selenocyanate, having ClO ₄ ⁻ as counterion	956
Magnetic properties of mononuclear bis-chelate and tris-chelate complex of nickel(II) with selenocyanate, having PF ₆ ⁻ as counterion	958

Magnetic properties of mononuclear neutral bis-chelate complex of nickel(II) with selenocyanate	960
Magnetic properties of nickel(II) complex of a tridentate verdazyl radical	962
Magnetic properties of nickel(II) complex with diclofenac	964
Magnetic properties of nickel(II) complex with diclofenac	965
Magnetic properties of a monomeric, 18-electron compound of nickel with pentamethylcyclopentadienyl and acetylacetone	966
Magnetic properties of monomeric, 20-electron phosphine complex of nickel with cyclopentadienyl and acetylacetone	968
Magnetic properties of nickel(II) dichloro complex of 1, 3-dimethylumazine	970
Magnetic properties of nickel(II) chloride adduct with 2-(2-pyridyl)-4, 4, 5, 5-tetramethyl-4, 5-dihydro-1 <i>H</i> -imidazolyl-1-oxy-3-oxide	971
Magnetic properties of nickel(II) hexafluoroacetylacetonate complex with 2-(2-pyridyl)-4, 4, 5, 5-tetramethyl-4, 5-dihydro-1 <i>H</i> -imidazolyl-1-oxy-3-oxide	973
Magnetic properties of nickel(II) complex with N, N'-bis(3- <i>tert</i> -butyl-5-methylsalicylidene)-2, 3-diamino-2, 3-dimethylbutane	975
Magnetic properties of nickel(II) complex with N, N'-bis(3- <i>tert</i> -butyl-5-chlorosalicylidene)-2, 3-diamino-2, 3-dimethylbutane	976
Magnetic properties of nickel(II) complex with N, N'-bis-(2-hydroxy-3- <i>tert</i> -butyl-5-methylbenzyl)-2, 3-diamino-2, 3-dimethylbutane	977
Magnetic properties of nickel(II) complex with N, N'-bis-(2-hydroxy-3- <i>tert</i> -butyl-5-chlorobenzyl)-2, 3-diamino-2, 3-dimethylbutane	978
Magnetic properties of diamminenickel(II) metavanadate	979
Magnetic properties of mononuclear nickel(II) complex with N, N'-bis(3-hydroxysalicylidene)-1, 3-diamino-2-propanol	982
Magnetic properties of polynuclear complex of dinickel(II), Ni ₂ with N, N'-bis(3-hydroxysalicylidene)-1, 3-diamino-2-propanol	983
Magnetic properties of end-to-end azido bridged binuclear complex of nickel(II), Ni ₂ , with tris(6-methyl-2-pyridylmethyl)amine	984
Magnetic properties of binuclear nickel(II) bromine bridged complex of 2, 6-bis[(benzyl)mercaptomethyl]-pyridine	986
Magnetic properties of nickel(II) complex with 2-(2-hydroxyphenyl- iminomethyl)-1-(4-methyl-phenylsulfonamido)benzene	988
Magnetic properties of mixed ligand nickel(II) chelate containing tetramethylethylenediamine and tropolonate ligands	990
Magnetic properties of mixed ligand nickel(II) chelate containing tetramethylethylenediamine and hinokitiolate ligands	991
Magnetic properties of heterobimetallic complex derived from bis(1-ethoxycarbonyl-1-cyanoethylene-2, 2-dithiolato)diargentate(I) and nickel(II)	992
Magnetic properties of binuclear μ -oxalato nickel(II) complex with 3, 3'-diamine-N-methyldipropylamine	993

Magnetic properties of binuclear μ -oxalato nickel(II) complex with <i>trans</i> -1, 2-diaminocyclohexane	995
Magnetic properties of dinuclear chloro-hexaazamacrocyclic complex of nickel(II)	997
Magnetic properties of dinuclear nitrato-hexaazamacrocyclic complex of nickel(II)	998
Magnetic properties of Ni(II) complex with bis-{2-[(6-aminoethyl)thio]- ethyl}sulfide	999
Magnetic properties of mononuclear Ni(II) complex with bis-{2-[(2-aminophenyl)thio]ether} sulphide	1000
Magnetic properties of (μ -oxalato) nickel(II) complex with tetraazaamine	1001
Magnetic properties of (μ -oxalato) nickel(II) complex with Schiff-base derived from salicylaldehyde and 1, 3-diamino-2-propanol	1003
Magnetic properties of (μ -oxalato) nickel(II) complex with 1, 10-phenanthroline and acetylacetone	1005
Magnetic properties of dinuclear nickel(II) complex with macrocyclic Schiff-base ligand derived from 2, 6-diformyl-4-methylphenol and α - ω -diamine	1007
Magnetic properties of nickel(II) complex with D-Gluconic acid	1009
Magnetic properties of nickel(II) neutral complex with a reduced N ₂ SO tetradentate Schiff-base ligand	1010
Magnetic properties of nickel(II) complex with reduced N ₂ SO tetradentate Schiff-base ligand	1011
Magnetic properties of nickel(II) complex with reduced N ₂ SO tetradentate Schiff-base ligand	1012
Magnetic properties of 2, 2'-bipyrimidine-bridged dinuclear Ni ₂ complex	1013
Magnetic properties of 2, 2'-bipyrimidine-bridged dinuclear Ni ₂ complex	1015
Magnetic properties of bis[N-(D-galactosyl)propane-1, 3-diamine]nickel(II) bromide	1017
Magnetic properties of bis[N-(L-fructosyl)propane-1, 3-diamine]nickel(II) bromide	1018
Magnetic properties of bis[N-(D-talosyl)propane-1, 3-diamine]nickel(II) bromide monohemihydrate	1019
Magnetic properties of bis[N-(L-rhamnosyl)propane-1, 3-diamine]nickel(II) bromide dihydrate methanolate	1020
Magnetic properties of dinuclear nickel(II) complex with 1, 3-bis(4-methylthio-2, 2'-bipyridin-6-yl)benzene	1022
Magnetic properties of dinuclear nickel(II) complex with quinquepyridine ligand	1024
Magnetic properties of dinuclear nickel(II) complex with quinquepyridine ligand	1025
Magnetic properties of dinuclear nickel(II) complex with quinquepyridine ligand	1026
Magnetic properties of dinuclear nickel(II) complex with quinquepyridine ligand	1027
Magnetic properties of dinuclearnickel (II) complex with quinquepyridine ligand	1028
Magnetic properties of mixed state dinickel(II) complex with tetraaminodiphenol macrocyclic ligand	1030
Magnetic properties of bis(trialkylphosphine)oxide complex of nickel(II)	1032

Magnetic properties of unusual one dimensional nickel(II) azido systems with macrocyclic ligand	1033
Magnetic properties of unusual one dimensional nickel(II) azido systems with macrocyclic ligand	1035
Magnetic properties of nickel(II) complex with 3, 5-diisopropylsalicylate	1037
Magnetic properties of one-dimensional μ -thiocyanato nickel(II) compound with bis(3-aminopropyl)methylamine	1038
Magnetic properties of nickel(II) complex with quinquedentate pentaazamacrocyclic	1040
Magnetic properties of nickel(II) complex with quinquedentate pentaazamacrocyclic	1041
Magnetic properties of terpyridine copper(II)-Ni(II) complex containing azide	1042
Magnetic properties of nickel(II) complex with pyridylmethyl pendant-armed derivative of O_2N_2 donor macrocyclic ligand	1044
Magnetic properties of nickel(II) complex with pyridylmethyl pendant-armed derivative of O_2N_2 donor macrocyclic ligand	1045
Magnetic properties of nickel(II) complex with pyridylmethyl pendant-armed derivative of O_2N_2 donor macrocyclic ligand	1046
Magnetic properties of nickel(II) complex with pyridylmethyl pendant-armed derivative of O_2N_2 donor macrocyclic ligand	1048
Magnetic properties of nickel(II) complex with pyridylmethyl pendant-armed derivative of O_2N_2 donor macrocyclic ligand	1049
Magnetic properties of nickel(II) complex with pyridylmethyl pendant-armed derivative of O_2N_2 donor macrocyclic ligand	1050
Magnetic properties of nickel(II) complex with tridentate Schiff-base having PNO donor set	1051
Magnetic properties of nickel(II) complex with tridentate Schiff-base having PNO donor set	1052
Magnetic properties of nickel(II) complex with tridentate Schiff-base having NNO donor set	1053
Magnetic properties of nickel(II) complex with tridentate Schiff-base having NNO donor set	1054
Magnetic properties of nickel(II) complex with tridentate Schiff-base having NNS donor set	1055
Magnetic properties of nickel(II) complex with 1, 4, 7-tris(pyrazol-3-ylmethyl)-1, 4, 7-triazacyclononane	1056
Magnetic properties of nickel(II) complex with bipyridine-based nitronyl nitroxide biradical having two ancilliary water ligands	1058
Magnetic properties of nickel(II) dithiolene complex with two cyano groups	1060
Magnetic properties of nickel(II) complex with dicyanamide and 2-aminopyrimidine	1062
Magnetic properties of nickelocene(III) complex with Brookhart's acid	1064
Magnetic properties of nickelocene(III) complex with Brookhart's acid (in benzene)	1065

Magnetic properties of a mixed-metal $\text{Cu}^{\text{II}}_2\text{Ni}^{\text{II}}_2$ complex derived from a phenol-based heteronucleating macrocyclic ligand	1066
Magnetic properties of oxo-bridged dinuclear nickel(III) complex with Schiff-base	1068
Magnetic properties of nickel(II) complex with {N-[4-(aminophenyl)sulfonyl]acetamide}	1069
Magnetic properties of dinuclear nitrate-hexaazamacrocyclic complex of nickel(II)	1070
Magnetic properties of nickel(II) complex with 8-quinolinsulfonamide	1071
Magnetic properties of antifungal nickel(II) complex derived from an amino sugar	1072
Magnetic properties of nickel(II) complex of diclofenac	1073
Magnetic properties of nickel(II) complex of diclofenac	1074
Magnetic properties of nickel(II)-copper(II)-nickel(II) trinuclear complex with irregular spin-state structure	1075
Magnetic properties of dinuclear chloro-hexaazamacrocyclic complex of nickel(II)	1077
Magnetic properties of dinuclear nitrate-hexaazamacrocyclic complex of nickel(II)	1078
Magnetic properties of nickel(II) complex with benzoylglycine	1079
Magnetic properties of nickel(II) complex with ethylphthaloylglycine	1080
Magnetic properties of dinuclear nitrate-hexaazamacrocyclic complex of nickel(II)	1081
Magnetic properties of dinuclear chloro-hexaazamacrocyclic complex of nickel(II)	1082
Magnetic properties of nickel(II) complex with uric acid	1083
Magnetic properties of nickel(II) chloro complex with 2-formylpyridine-3-piperidinylthiosemicarbazone	1084
Magnetic properties of nickel(II) bromo complex with 2-formylpyridine-3-piperidinylthiosemicarbazone	1085
Magnetic properties of nickel(II) chloro complex with 2-formylpyridine-3-hexamethyleneiminy-thiosemicarbazone	1086
Magnetic properties of nickel(II) bromo complex with 2-formylpyridine-3-hexamethyleneiminy-thiosemicarbazone	1087
Magnetic properties of nickel(II) chloro complex with 2-formylpyridine-3-azabicyclo[3.2.2]nonylthiosemicarbazone	1088
Magnetic properties of nickel(II) bromo complex with 2-formylpyridine-3-azabicyclo[3.2.2]nonylthiosemicarbazone	1089
Magnetic properties of nickel(II) chloro complex with neutral malonamide	1090
Magnetic properties of nickel(II) bromo complex with neutral malonamide	1091
Magnetic properties of nickel(II) thiocyanate complex with neutral malonamide	1092
Magnetic properties of nickel(II) nitrate complex with neutral malonamide	1093
Magnetic properties of nickel(II) complex with 1, 2-di(<i>o</i> -aminophenylthio)xylene	1094
Magnetic properties of nickel(II) complex with lactic acid	1095
Magnetic properties of 1, 10-phenanthroline bis{[2-(2-pyrrole)-methylimino]4-methylphenolato}nickel(II)	1096

Magnetic properties of nickel(II) chloride complex with methyl-2-amino-4-diethylaminothieno[2, 3-d] pyrimidine-6-carboxylate	.1098
Magnetic properties of nickel(II) bromide complex with methyl-2-amino-4-diethylaminothieno[2, 3-d] pyrimidine-6-carboxylate	.1099
Magnetic properties of nickel(II) chloride complex with methyl-2-amino-4-ethylphenylaminothieno[2, 3-d] pyrimidine-6-carboxylate	.1100
Magnetic properties of nickel(II) bromide complex with methyl-2-amino-4-ethylphenylaminothieno[2, 3-d] pyrimidine-6-carboxylate	.1101
Magnetic properties of nickel(II) chloride complex with methyl-2-amino-4-morpholinothieno[2, 3-d]pyrimidine-6-carboxylate	.1102
Magnetic properties of nickel(II) bromide complex with methyl-2-amino-4-morpholinothieno[2, 3-d]pyrimidine-6-carboxylate	.1103
Magnetic properties of nickel(II) complex with hydrazide Schiff-base	.1104
Magnetic properties of dinuclear nickel(II), Ni ₂ complex with hydrazide Schiff-base	.1105
Magnetic properties of dinuclear nickel(II), Ni ₂ complex with hydrazide Schiff-base	.1106
Magnetic properties of nickel(II) complex of deprotonated chelated aminoazo ligand	.1107
Magnetic properties of nickel(II) complex of deprotonated chelated aminoazo ligand	.1108
Magnetic properties of nickel(II) complex of deprotonated chelated aminoazo ligand	.1109
Magnetic properties of nickel(II) complex of deprotonated chelated aminoazo ligand	.1110
Magnetic properties of nickel(II) complex of deprotonated chelated aminoazo ligand	.1111
Magnetic properties of nickel(II) complex with methylhydrazine- carboxylate ligand	.1112
Magnetic properties of nickel(II) complex with 1, 1-dimethylhydrazinecarboxylate ligand	.1113
Magnetic properties of nickel(II) complex with pentadentate heterocyclic N-donor ligand	.1114
Magnetic properties of nickel(II) complex with pentadentate heterocyclic N-donor ligand	.1115
Magnetic properties of nickel(II) complex with tridentate heterocyclic N-donor ligand	.1117
Magnetic properties of nickel(II) complex with tridentate heterocyclic N-donor ligand	.1119
Magnetic properties of nickel(II) chloro complex with 2-formylpyridine-N(4) antipyrinylthiosemicarbazone	.1121
Magnetic properties of nickel(II) bromo complex with 2-formylpyridine-N(4) antipyrinylthiosemicarbazone	.1122
Magnetic properties of nickel(II) complex with 2-formylpyridine-N(4) antipyrinylthiosemicarbazone	.1123
Magnetic properties of nickel(II) complex with neutral 2-formylpyridine-N(4) antipyrinylthiosemicarbazone	.1124
Magnetic properties of nickel(II) complex of 4-(sulfonylazido)phenylazopyrazolone	.1125
Magnetic properties of nickel(II) complex of 4-(sulfonylazido)phenylazopyrazolone	.1126
Magnetic properties of nickel(II) complex of 4-(sulfonylazido)phenylazopyrazolone	.1127
Magnetic properties of dinuclear chloro-hexaazamacrocyclic complex of nickel(II)	.1128

Magnetic properties of nickel(II) chloride complex of 2-aminoacetophenone <i>N</i> (4)-amino-thiosemicarbazone	1129
Magnetic properties of nickel(II) bromide complex of 2-aminoacetophenone <i>N</i> (4)-amino-thiosemicarbazone	1130
Magnetic properties of nickel(II) hydroxo complex of 2-aminoacetophenone <i>N</i> (4)-amino-thiosemicarbazone	1131
Magnetic properties of nickel(II) tetrafluoroborate complex of 2-aminoacetophenone <i>N</i> (4)-amino-thiosemicarbazone	1132
Magnetic properties of nickel(II) chloride complex of 2-aminoacetophenone <i>N</i> (4)-methylamino-thiosemicarbazone	1133
Magnetic properties of nickel(II) bromide complex of 2-aminoacetophenone <i>N</i> (4)-methylamino-thiosemicarbazone	1134
Magnetic properties of nickel(II) hydroxo complex of 2-aminoacetophenone <i>N</i> (4)-methylamino-thiosemicarbazone	1135
Magnetic properties of nickel(II) tetrafluoroborate complex of 2-aminoacetophenone <i>N</i> (4)-methylamino-thiosemicarbazone	1136
Magnetic properties of nickel(II) chloride complex of 2-aminoacetophenone <i>N</i> (4)-dimethylamino-thiosemicarbazone	1137
Magnetic properties of nickel(II) bromide complex of 2-aminoacetophenone <i>N</i> (4)-dimethylamino-thiosemicarbazone	1138
Magnetic properties of nickel(II) hydroxo complex of 2-aminoacetophenone <i>N</i> (4)-dimethylamino-thiosemicarbazone	1139
Magnetic properties of nickel(II) tetrafluoroborate complex of 2-aminoacetophenone <i>N</i> (4)-dimethylamino-thiosemicarbazone	1140
Magnetic properties of nickel(II) bromide complex of 2-aminoacetophenone <i>N</i> (4)-piperidiny1-thiosemicarbazone	1141
Magnetic properties of nickel(II) tetrafluoroborate complex of 2-aminoacetophenone <i>N</i> (4)-piperidiny1-thiosemicarbazone	1142
Magnetic properties of nickel(II) complex with 2-hydroxynaphthalene-1-carboxaldehyde	1143
Magnetic properties of nickel(II) complex with 2-hydroxynaphthalene-1-carboxaldehyde	1144
Magnetic properties of binuclear nickel(II) complex with 3,5-diacetylamino-1, 2, 4-triazole	1145
Part X Pd	1147
Magnetic properties of radical anion obtained by the reduction of bis(1, 2, 6, 7-tetracyano-3, 5-dihydro-3, 5-diiminopyrrolizinido)palladium(II)	1149
Magnetic properties of palladium(II) complex with imino nitroxide radical	1151
Magnetic properties of palladium(II) chloride complex with 1, 1'-bis(oxodiphenylphosphoranyl)ferrocene	1153