

Contents

Introduction	1
Part I Fe	11
Magnetic properties of low coordinate iron complex stabilized by N-(<i>tert</i>-hydrocarbyl)anilide ligation	13
Magnetic properties of low coordinate iron complex stabilized by N-(<i>tert</i>-hydrocarbyl)anilide ligation	14
Magnetic properties of iron(II) chloride complex with 2,6-bis(1,2,4-triazol-3-yl)pyridine (hydrated)	15
Magnetic properties of iron(II) chloride complex with 2,6-bis(1,2,4-triazol-3-yl)pyridine (anhydrous)	16
Magnetic properties of iron(II) perchlorate complex with 2,6-bis(1,2,4-triazol-3-yl)pyridine	17
Magnetic properties of iron(II) tetrafluoroborate complex with 2,6-bis(1,2,4-triazol-3-yl)pyridine	18
Magnetic properties of iron(II) hexafluorophosphate complex with 2,6-bis(1,2,4-triazol-3-yl)pyridine	19
Magnetic properties of iron(II) iodide complex with 2,6-bis(1,2,4-triazol-3-yl)pyridine	20
Magnetic properties of iron(II) nitrate complex with 2,6-bis(1,2,4-triazol-3-yl)pyridine	21
Magnetic properties of iron(II) bromide complex with 2,6-bis(1,2,4-triazol-3-yl)pyridine	22
Magnetic properties of iron(II) tetrafluoroborate complex with 2,6-bis(1,(N)methyl-1,2,4-triazol-3-yl)pyridine	23
Magnetic properties of iron(II) hexafluorophosphate complex with 2,6-bis(1,(N)methyl-1,2,4-triazol-3-yl)pyridine	24
Magnetic properties of iron(II) perchlorate complex with 2,6-bis(1,(N)-methyl-1,2,4-triazol-3-yl)pyridine	25
Magnetic properties of iron(II) tetrafluoroborate complex with 2,6-bis(5-methyl-1,2,4-triazol-3-yl)pyridine	26
Magnetic properties of iron(II) perchlorate complex with 2,6-bis(5-methyl-1,2,4-triazol-3-yl)pyridine	27
Magnetic properties of iron(II) perchlorate complex with 2,6-bis(1,5-dimethyl-1,2,4-triazol-3-yl)pyridine	29
Magnetic properties of iron(II) hexafluorophosphate complex with 2,6-bis(1,5-dimethyl-1,2,4-triazol-3-yl)pyridine	30
Magnetic properties of iron(II) tetrafluoroborate complex with 2,6-bis(1,5-dimethyl-1,2,4-triazol-3-yl)pyridine	31

Magnetic properties of iron(II) perchlorate complex with 1,2,4-triazol (hydrated)	32
Magnetic properties of iron(II) perchlorate complex with 1,2,4-triazol (<i>anhydrous, sample1</i>)	34
Magnetic properties of iron(II) perchlorate complex with 1,2,4-triazol (<i>anhydrous, sample2</i>)	36
Magnetic properties of iron(II) tetrafluoroborate complex with 1,2,4-triazolo (<i>sample1</i>)	38
Magnetic properties of iron(II) tetrafluoroborate complex with 1,2,4-triazolo (<i>sample2</i>)	40
Magnetic properties of iron(II) hexafluorophosphate complex with 1,2,4-triazolo (<i>sample1</i>)	42
Magnetic properties of iron(II) hexafluorophosphate complex with 1,2,4-triazolo [(<i>sample2</i>)(<i>initial measurement</i>)]	44
Magnetic properties of iron(II) hexafluorophosphate complex with 1,2,4-triazolo (<i>sample 2</i>) (<i>6 months after preparation</i>)	46
Magnetic properties of iron(II) with 2-(pyrazin-2-ylamino)-4-(pyridin-2-yl)thiazole	48
Magnetic properties of iron(II) complex with 2-(pyrazin-2-ylamino)-4- (pyridine-2-yl)thiazole	49
Magnetic properties of iron(II) complex with 2-(pyrazin-2-ylamino)-4- (pyridin-2-yl)thiazole	51
Magnetic properties of iron(II) complex with 2-(pyrazin-2-ylamino)-4- (pyridin-2-yl)thiazole	52
Magnetic properties of iron(II) complex with 2-(pyrazin-2-ylamino)-4- (pyridin-2-yl)thiazole	53
Magnetic properties of iron(II) complex with 2-(pyrazin-2-ylamino)-4- (pyridin-2-yl)thiazole	54
Magnetic properties of iron(II) complex with 2-(pyrazin-2-ylamino)-4- (pyridin-2-yl)thiazole	55
Magnetic properties of iron(II) complex with 2-(pyridin-2-ylamino)-4- (pyridin-2-yl)thiazole	56
Magnetic properties of iron(II) complex with 1,3-bis(pyridin-2-yl)-pyrazole	57
Magnetic properties of iron(II) complex with 2-(1,5-dimethyltriazol-3-yl)-1, 10-phenanthroline	58
Magnetic properties of iron(II) complex with 2-(triazol-3-yl)-1,10-phenanthroline	59
Magnetic properties of iron(II) complex with 2-(triazol-3-yl)-1,10-phenanthroline	61
Magnetic properties of iron(II) complex with 2-(triazol-3-yl)-1,10-phenanthroline	62
Magnetic properties of iron(II) complex with 2-(triazol-3-yl)-1,10-phenanthroline	64
Magnetic properties of iron(II) complex with 2-(1-methyltriazol-3-yl)-1,10-phenanthroline . . .	65
Magnetic properties of iron(II) complex with 2-(1-methyltriazol-3-yl)-1,10-phenanthroline . . .	67
Magnetic properties of iron(II) complex with 2-(1-methyltriazol-3-yl)-1,10-phenanthroline . . .	68

Magnetic properties of iron(II) complex with 2-(1-methyltriazol-3-yl)-1,10-phenanthroline . . .	69
Magnetic properties of iron(II) complex with 2-(5-methyltriazol-3-yl)-1,10-phenanthroline . . .	70
Magnetic properties of iron(II) complex with 2-(5-methyltriazol-3-yl)-1,10-phenanthroline . . .	71
Magnetic properties of iron(II) complex with 2-(5-methyltriazol-3-yl)-1,10-phenanthroline . . .	72
Magnetic properties of iron(II) complex with 2-(5-methyltriazol-3-yl)-1,10-phenanthroline . . .	74
Magnetic properties of iron(II) complex with 2-(1,5-dimethyltriazol-3-yl)-1,10-phenanthroline	75
Magnetic properties of iron(II) complex with 2-(1,5-dimethyltriazol-3-yl)-1,10-phenanthroline	77
Magnetic properties of iron(II) complex with 2-(pyrazin-2-ylamino)-4-(pyridin-2-yl)thiazole	78
Magnetic properties of iron(II) complex with 2-(pyrazin-2-ylamino)-4-(pyridin-2-yl)thiazole	79
Magnetic properties of iron(II) complex with 2-(pyrazin-2-ylamino)-4-(pyridin-2-yl)thiazole	80
Magnetic properties of iron(II) complex with 2-(pyrazin-2-ylamino)-4-(pyridin-2-yl)thiazole	81
Magnetic properties of iron(II) complex with 2-(pyrazin-2-ylamino)-4-(pyridin-2-yl)thiazole	82
Magnetic properties of iron(II) complex with 2-(pyrazin-2-ylamino)-4-(pyridin-2-yl)thiazole	83
Magnetic properties of iron(II) complex with 6-(5-methyl-1,2,4-oxadiazol-3-yl)-2,2'-bipyridine	84
Magnetic properties of iron(II) complex with 6-(5-methyl-1,2,4-oxadiazol-3-yl)-2,2'-bipyridine	85
Magnetic properties of iron(II) complex with 6-(5-methyl-1,2,4-oxadiazol-3-yl)-2,2'-bipyridine	86
Magnetic properties of iron(II) complex with 6-(5-methyl-1,2,4-oxadiazol-3-yl)-2,2'-bipyridine	87
Magnetic properties of iron(II) complex with 6-(5-methyl-1,2,4-oxadiazol-3-yl)-2,2'-bipyridine	88
Magnetic properties of iron(II) complex with 6-(5-methyl-1,2,4-oxadiazol-3-yl)-2,2'-bipyridine	89
Magnetic properties of iron(II) complex with bis[hydrotris-(1,2,4-triazolyl)borate]	90
Magnetic properties of iron(II) complex with dihydrobis-(tetrazolyl)borate	93
Magnetic properties of mononuclear iron(II) complex with Schiff-base ligand derived from salicylaldehyde and <i>o</i> -hydroxybenzylamine	94
Magnetic properties of iron(II) complex with hexadentate imidazole functionalised triazamacrocycle	95
Magnetic properties of iron(II) bromo complex with polythioether ligand	96

Magnetic properties of iron(II) iodo complex with polythioether ligand	97
Magnetic properties of iron(II) complex with substituted diimino-pyrrolizine	98
Magnetic properties of iron(II) complex with 12-membered Schiff-base macrocycle ligand containing pendant group	100
Magnetic properties of iron(II) complex with ethylenediamine and chlorosulphate ligands . . .	101
Magnetic properties of iron(II) complex with N-methyl-ethylenediamine and chlorosulphate ligands	102
Magnetic properties of iron(II) complex with N-ethyl-ethylenediamine and chlorosulphate ligands	103
Magnetic properties of iron(II) complex with N, N'-dimethyl-ethylene-diamine and chlorosulphate ligands	104
Magnetic properties of iron(II) complex with N, N'-diethyl-ethylene-diamine and chlorosulphate ligands	105
Magnetic properties of adduct of dichlorosuphato-bis(1,3-propylene-diamine)iron(II) with dimethyltin substrate	106
Magnetic properties of adduct of dichlorosuphato-bis(1,3-propylenediamine)iron(II) with dibutyltin substrate	107
Magnetic properties of iron(II) complex with pyridine-2-carbaldehyde pyridin-2'-ylhydrazone	108
Magnetic properties of iron(II) complex with 6-methylpyridine-2-carbaldehyde-pyridin-2'- ylhydrazone	109
Magnetic properties of iron(II) complex with pyridine-2-carbaldehyde-pyridin-2'- quinolyhydrazone	110
Magnetic properties of iron(II) complex with tris{(2-diphenylphosphino)ethyl}phosphine	111
Magnetic properties of tetraamide macrocyclic complex of iron(II)	112
Magnetic properties of tetraamide macrocyclic complex of iron(II)	113
Magnetic properties of iron(II) complex with thiadiazole	114
Magnetic properties of iron(II) polychelate with Schiff-base (4,4'-dihydroxy-3,3'-diacetylbiphenyl-2,3-butanedione dihydrazone)	115
Magnetic properties of iron(II) chloro complex with 2,6-diacetylpyridine- bis(benzalhydrazone)	116
Magnetic properties of iron(II) bromo complex with 2,6-diacetylpyridine- bis(benzalhydrazone)	117
Magnetic properties of iron (II) nitrate complex with 2,6-diacetylpyridine-bis (benzalhydrazone)	118
Magnetic properties of iron(II) thiocyanato complex with 2,6-diacetylpyridine-bis (benzalhydrazone)	119
Magnetic properties of iron(II) chelate with Schiff base	120
Magnetic properties of iron(II) chelate with Schiff base	121
Magnetic properties of iron(II) complex with thiobarbituric acid	122

Magnetic properties of polymetallic iron(II) imidazolate complex	123
Magnetic properties of iron(II) mixed ligand complex with 4,5-diazafluoren-9-one and thiocyanate	125
Magnetic properties of iron(II) mixed ligand complex with 4,5-diazafluoren-9-hydrazone and thiocyanate	126
Magnetic properties of iron(II) mixed ligand complex with 4,5-diazafluoren-9-hydrazone and chloride	127
Magnetic properties of iron(II) chloride complex with tetraza macrocyclic ligand	128
Magnetic properties of iron(II) complex with octaethyltetrazaporphyrin	129
Magnetic properties of iron(II) mixed ligand complex with 2,2'-bis[(2-mercaptophenyl)thio] diethylamine and hydrazine	131
Magnetic properties of iron(II) mixed ligand complex with 2,2'-bis[(2-mercaptophenyl)thio] diethylamine and hydrazine	132
Magnetic properties of iron(II) mixed ligand complex with 2,2'-bis[(2-mercaptophenyl)thio] diethylamine and methanol	133
Magnetic properties of iron(II) mixed ligand complex with 2,2'-bis[(2-mercaptophenyl)thio] diethylamine and tetrahydrofuran	134
Magnetic properties of iron(II) mixed ligand complex with 2,2'-bis[(2-mercaptophenyl)thio] diethylamine and pyridine	135
Magnetic properties of iron(II) mixed ligand complex with 2,2'-bis[(2-mercaptophenyl)thio] diethylamine and ammonia	136
Magnetic properties of iron(II) mixed ligand complex with 2,2'-bis[(2-mercaptophenyl)thio] diethylamine and methyl hydrazine	137
Magnetic properties of iron(II) complex with hexadentate ligand	138
Magnetic properties of iron complex with 1,4,5,8-tetraazaphenanthrene monoacetoneitrilate (spin-crossover behavior)	139
Magnetic properties of iron complex with 1,4,5,8-tetraazaphenanthrene hemiacetoneitrilate	140
Magnetic properties of low coordinate iron complex stabilized by N-(<i>tert</i> -hydrocarbyl)anilide ligation	141
Magnetic properties of low coordinate iron complex stabilized by N-(<i>tert</i> -hydrocarbyl)anilide ligation	142
Magnetic properties of low coordinate iron complex stabilized by N-(<i>tert</i> -hydrocarbyl)anilide ligation	143
Magnetic properties of low coordinate iron complex stabilized by N-(<i>tert</i> -hydrocarbyl)anilide ligation	144
Magnetic properties of low coordinate iron complex stabilized by N-(<i>tert</i> -hydrocarbyl)anilide ligation	145
Magnetic properties of low coordinate iron complex stabilized by N-(<i>tert</i> -hydrocarbyl)anilide ligation	146
Magnetic properties of iron(II) chloro complex with aminodiphosphine	147

Magnetic properties of iron(II) bromo complex with aminodiphosphine	148
Magnetic properties of iron(II) bis-complex with aminodiphosphine	149
Magnetic properties of iron(II) (trimethylsilyl)methyl complex with aminodiphosphine	150
Magnetic properties of iron(II) bis(trimethylsilyl)methyl complex with aminodiphosphine	151
Magnetic properties of iron(II) dibromo complex with aminodiphosphine	152
Magnetic properties of iron(II) dichloro complex with aminodiphosphine	154
Magnetic properties of sterically encumbered iron(II) thiolate	155
Magnetic properties of sterically encumbered iron(II) thiolate	156
Magnetic properties of sterically encumbered iron(II) thiolate	157
Magnetic properties of iron(II) complex with 2,2'-biimidazole as acetate salt	158
Magnetic properties of iron(II) complex with 2,2'-biimidazole as carbonate salt	159
Magnetic properties of polymeric iron(II) complex having bridging biimidazolate monoanion	160
Magnetic properties of polymeric iron(II) complex having bridging benzimidazolate dianion	161
Magnetic properties of mononuclear iron(II) complex with pyrroloquino-linequinone analogs	162
Magnetic properties of dinuclear iron(II) chloro complex with pyrrolo-quinolinequinone analogs	164
Magnetic properties of iron(II) complex with pyrroloquinoline-quinone analogs	166
Magnetic properties of iron(II) <i>meso</i> -oxyporphyrin π -neutral radical	168
Magnetic properties of iron(II) porphyrin adduct with nickel(II) imidazole (as perchlorate salt)	169
Magnetic properties of iron(II) porphyrin adduct with nickel(II) imidazolate	171
Magnetic properties of heterobimetallic Fe(II)–Cd(II) complex with dithiofuroate	173
Magnetic properties of iron(II) 2-methylimidazolate having trapped ferrocene	174
Magnetic properties of cyanide bridged bimetallic assembly of complex cation and complex anion	176
Magnetic properties of dipotassium iron(II) hexathiodiphosphonate(IV)	178
Magnetic properties of dimeric iron(II) chloride complex with N,N-dimethylformamide	180
Magnetic properties of low coordinate iron complex stabilized by N-(<i>tert</i> -hydrocarbyl)anilide ligation	181
Magnetic properties of dinuclear iron(II), Fe ₂ azide complex with octaamino cryptand (as triflate salt)	182
Magnetic properties of N-methylquinolium salt containing metallocarba-borane anion	183
Magnetic properties of salt containing iron(III) hydrotris(pyrazol-1-yl)-borate and TCNQ anion	185
Magnetic properties of N-pyridinium salt of iron(III) metallocarbaborane anion	186

Magnetic properties of isothiocyanatoporphinatopyridineiron(III) hemipyridine	188
Magnetic properties of iron(III) Schiff-base complex with 15-crown-ether macrocycle having encapsulated lithium ion	190
Magnetic properties of iron(III) Schiff-base complex with 15-crown-ether macrocycle having encapsulated sodium ion	192
Magnetic properties of iron(III) Schiff-base complex with 15-crown-ether macrocycle having encapsulated potassium ion	194
Magnetic properties of iron(III) Schiff-base complex with 15-crown-ether macrocycle having encapsulated rubidium ion	196
Magnetic properties of iron(III) complex with Schiff-base and 15-crown-ether	198
Magnetic properties of substituted cyclononane iron(III) complex with spin crossover behavior	200
Magnetic properties of cationic iron(III) complex with a hexadentate N_2, N'_2, O'_2 -aminopyridylphenolate ligand	201
Magnetic properties of iron(III) complex with 2-thiobarbituric acid	202
Magnetic properties of iron(III) complex with 2-thiobarbituric acid	203
Magnetic properties of iron(III) complex with uracil	204
Magnetic properties of iron(III) mixed ligand complex with uracil and histidine	205
Magnetic properties of mononuclear iron(III) complex with Schiff-base ligand derived from salicylaldehyde and <i>o</i> -aminophenol	206
Magnetic properties of mononuclear iron(III) complex with Schiff-base ligand derived from salicylaldehyde and <i>o</i> -alanine	207
Magnetic properties of mononuclear iron(III) complex with Schiff-base ligand derived from salicylaldehyde and glycine	208
Magnetic properties of mononuclear iron(III) complex with Schiff-base ligand derived from salicylaldehyde and tris(aminoethyl)amine	209
Magnetic properties of mononuclear iron(III) complex with Schiff-base ligand derived from salicylaldehyde and from 4-aminoethylimidazole	210
Magnetic properties of mononuclear iron(III) complex with Schiff-base ligand derived from salicylaldehyde and aminoethylpyridine	211
Magnetic properties of iron(III) chloro complex with oxydiacetic acid	212
Magnetic properties of iron(III) bromo complex with oxydiacetic acid	213
Magnetic properties of iron(III) nitrate complex with oxydiacetic acid	214
Magnetic properties of iron(III) complex with 12-membered Schiff-base macrocycle ligand containing pendant group	215
Magnetic properties of iron(III) complex with 12-membered Schiff-base macrocycle ligand containing pendant group	216
Magnetic properties of iron(III) nitrate complex with tetradentate ligand having pendant benzimidazolyl group	217

Magnetic properties of iron(III) chloro complex with tetradentate ligand having pendant benzimidazolyl group	218
Magnetic properties of iron(III) nitrate complex with tetradentate ligand having pendant benzimidazolyl group	219
Magnetic properties of iron(III) chloro complex with tetradentate ligand having pendant benzimidazolyl group	220
Magnetic properties of iron(III) complex with 8-arylozo-6-formyl-7-hydroxy-5-methoxy-2-methylchromone	221
Magnetic properties of iron(III) chelate with 8-arylozo-6-formyl-7-hydroxy-5-methoxy-2-methylchromone	222
Magnetic properties of iron(III) α -formyl pyridyl hydrazone complex	223
Magnetic properties of iron(III) α -acetyl pyridyl hydrazone complex	224
Magnetic properties of iron(III) α -benzoyl pyridyl hydrazone complex	225
Magnetic properties of iron(III) 4-formylantipyrine- <i>N</i> (4)-antipyrinylthio-semicarbazone	226
Magnetic properties of iron(III) complex with macrocyclic amino carboxylate	227
Magnetic properties of iron(III) complex with macrocyclic amino carboxylate	228
Magnetic properties of iron(III) complex with acetyl salicylhydrazone	229
Magnetic properties of iron(III) chloride complex with macrocycle derived from carbohydrazide and 2,6-diacetylpyridine	230
Magnetic properties of iron(III) bromide complex with macrocycle derived from carbohydrazide and 2,6-diacetylpyridine	231
Magnetic properties of iron(III) nitrate complex with macrocycle derived from carbohydrazide and 2,6-diacetylpyridine	232
Magnetic properties of iron(III) thiocyanato complex with macrocycle derived from carbohydrazide and 2,6-diacetylpyridine	233
Magnetic properties of mixed ligand complex of iron(III) with phthalimide and salicylaloxime	234
Magnetic properties of mixed ligand complex of iron(III) with phthalimide and α -furildioxime	235
Magnetic properties of mixed ligand complex of iron(III) with phthalimide and benzildioxime	236
Magnetic properties of mixed ligand complex of iron(III) with phthalimide and pyridine-2-aldoxime	237
Magnetic properties of mixed ligand complex of iron(III) with nitrilotriacetate and salicylaloxime	238
Magnetic properties of mixed ligand complex of iron(III) with nitrilotriacetate and α -furildioxime	239
Magnetic properties of mixed ligand complex of iron(III) with nitrilotriacetate and benzildioxime	240
Magnetic properties of mixed ligand complex of iron(III) with nitrilotriacetate and pyridine-2-aldoxime	241

Magnetic properties of iron(III) complex with thiobarbituric acid	242
Magnetic properties of substituted tetraphenylporphinato-iron(III) chloride	243
Magnetic properties of substituted tetraphenylporphinato-iron(III) chloride	245
Magnetic properties of iron(III)-azido complex with cyclam	246
Magnetic properties of iron(III) complex with octaethyltetrazaporphyrin	247
Magnetic properties of one electron reduced iron (III) <i>meso</i> -substituted porphyrin	249
Magnetic properties of one electron reduced iron (III) <i>meso</i> -substituted porphyrin	250
Magnetic properties of one electron reduced iron (III) <i>meso</i> -substituted porphyrin	251
Magnetic properties of one electron reduced iron (III) <i>meso</i> -substituted porphyrin	252
Magnetic properties of one electron reduced iron (III) <i>meso</i> -substituted porphyrin	253
Magnetic properties of dinuclear iron(III)-porphyrin-copper(II) complex anion with a sulfur bridge having gallium-porphyrin cation	254
Magnetic properties of dinuclear iron(III)-porphyrin-copper(II) complex anion with a sulfur bridge having aluminium-porphyrin cation	256
Magnetic properties of heterodinuclear Cu ^{II} Fe ^{III} Complex with dione dioxime	258
Magnetic properties of heterodinuclear Cu ^{II} Fe ^{III} acetato complex with dione dioxime	260
Magnetic properties of μ -cyanido and μ -oxamidato-bridged iron(III)-Cu(II) bimetallic complex	262
Magnetic properties of iron(III) complex with pseudo chalcogen nitrite analog nitrosodicyanomethanide	264
Magnetic properties of iron complex with multisulfur π -acceptor ligand	266
Magnetic properties of brominated iron porphyrin	268
Magnetic properties of oxidized complex of iron(III) octaethyloxoporphyrin dimer	269
Magnetic properties of polynuclear iron(III) complex with pyrroloquino- linequinone analogs	270
Magnetic properties of dinuclear Fe ^{III} -Cu ^{II} acetato complex with dinucleating phenolate-hinged ligand	271
Magnetic properties of dinuclear Fe ^{III} -Cu ^{II} fluoro-acqua complex with dinucleating phenolate-hinged ligand	272
Magnetic properties of dinuclear Fe ^{III} -Co ^{II} acetato complex with dinucleating phenolate-hinged ligand	273
Magnetic properties of dinuclear Fe ^{III} -Co ^{II} fluoro-aqua complex with dinucleating phenolate-hinged ligand	274
Magnetic properties of dinuclear Fe ^{III} -Ni ^{II} acetato complex with dinucleating phenolate-hinged ligand	275
Magnetic properties of dinuclear Fe ^{III} -Zn ^{II} acetato complex with dinucleating phenolate-hinged ligand	276
Magnetic properties of dinuclear Fe ^{III} -Zn ^{II} fluoro-aqua complex with dinucleating phenolate-hinged ligand	277

Magnetic properties of linear heterotrinnuclear $\text{Fe}^{\text{III}}\text{Cu}^{\text{II}}\text{Ni}^{\text{II}}$ complex with 1,4,7-trimethyl-1,4,7-triazacyclononane and asymmetric dicompartmented imine-oxime ligand	278
Magnetic properties of linear heterotrinnuclear $\text{Fe}^{\text{III}}\text{Ni}^{\text{II}}\text{Cu}^{\text{II}}$ complex with 1,4,7-trimethyl-1,4,7-triazacyclononane and asymmetric dicompartmented imine-oxime ligand	280
Magnetic properties of linear heterotrinnuclear $\text{Fe}^{\text{III}}\text{Mn}^{\text{II}}\text{Cu}^{\text{II}}$ complex with 1,4,7-trimethyl-1,4,7-triazacyclononane and asymmetric dicompartmented imine-oxime ligand	282
Magnetic properties of potassium iron selenophosphate	284
Magnetic properties of charge-transfer salt of octamethylferrocenyl thioether with organic acceptor (TCNQ)	285
Magnetic properties of charge-transfer salt of octamethylferrocenyl thioether with organic acceptor (TCNQ)	287
Magnetic properties of charge-transfer salt of octamethylferrocenyl thioether with organic acceptor (TCNQF ₄)	289
Magnetic properties of charge-transfer salt of octamethylferrocenyl thioether with organic acceptor (TCNQF ₄)	291
Magnetic properties of charge-transfer salt of octamethylferrocenyl thioether with organic acceptor (TCNQF ₄)	293
Magnetic properties of dinuclear $\text{Fe}^{\text{III}}\text{-Fe}^{\text{II}}$ acetato complex with dinucleating phenolate-hinged ligand	295
Magnetic properties of dinuclear $\text{Fe}^{\text{III}}\text{-Fe}^{\text{II}}$ fluoro-aqua complex with dinucleating phenolate-hinged ligand	296
Magnetic properties of dinuclear iron(II) mixed ligand complex with 2,2'-bis[(2-mercaptophenyl)thio]diethylamine	297
Magnetic properties of bis(phenolate)-bridged binuclear iron(II) complex	298
Magnetic properties of (μ -oxalato)-bis(tetramine)diiron(II) complex	299
Magnetic properties of (μ -oxalato)-bis(tetramine)diiron(II) complex	301
Magnetic properties of (μ -oxalato)-bis(tetramine)diiron(II) complex	302
Magnetic properties of cyclopentadienyliron(III) salt containing metallocarbaborane anion	303
Magnetic properties of bis(hydrotris(pyrazol-1-yl)borate)iron(III) salt containing metallocarbaborane anion	305
Magnetic properties of bis(<i>o</i> -hydroxyacetophenone-ethylenetriimine)iron(III) salt containing metallocarbaborane anion	306
Magnetic properties of diiron(III) complex containing phosphate ester bridges	307
Magnetic properties of tetrathiafulvalene radical salt of dimetric iron(III) oxalate	308
Magnetic properties of tetramethyltetrathiafulvalene radical salt of dimetric iron(III) oxalate	310
Magnetic properties of (μ -alkoxo)diiron chloro complex with N,N,N',N'-tetrakis-(2-benzimidazolymethyl)-2-hydroxy-1,3-diaminopropane	312
Magnetic properties of (μ -alkoxo)diiron thiocyanate complex with N,N,N',N'-tetrakis-(2-benzimidazolymethyl)-2-hydroxy-1,3-diaminopropane	314

Magnetic properties of (μ -alkoxo)diiron azido complex with N,N,N'/N'-tetrakis-(2-benzimidazolymethyl)-2-hydroxy-1,3-diaminopropane	316
Magnetic properties of dinuclear iron(III) carboxylate complex with bis(bipyridine) ligand	318
Magnetic properties of oxo bridged iron(III) complex with substituted porphyrin	320
Magnetic properties of tetrathiafulvalene radical salt of monomeric iron(III) oxalate	322
Magnetic properties of iron(III) complex with di(2-ethylhexyl)phosphate	323
Magnetic properties of triply bridged diiron(III) complex with $[\text{Fe}_2(\mu\text{-O})(\mu\text{-OAc})_2]^{2+}$ core	324
Magnetic properties of triply bridged diiron(III) complex with $[\text{Fe}_2(\mu\text{-O})(\mu\text{-PhCO}_2)_2]^{2+}$ core	326
Magnetic properties of triply bridged diiron(III) complex with $[\text{Fe}_2(\mu\text{-O})(\mu\text{-(PhO)PO}_2)_2]^{2+}$ core	327
Magnetic properties of triply bridged diiron(III) complex with $[\text{Fe}_2(\mu\text{-O})(\mu\text{-(OAc)}_2)]^{2+}$ core	328
Magnetic properties of triply bridged diiron(III) complex with $[\text{Fe}_2(\mu\text{-O})(\mu\text{-(PhO)PO}_2)_2]^{2+}$ core	329
Magnetic properties of triply bridged diiron(III) complex with $[\text{Fe}_2(\mu\text{-O})(\mu\text{-(OAc)}_2)]^{2+}$ core	330
Magnetic properties of μ -oxo-diiron(III) complex with acyclic tetra-dentate ligand	331
Magnetic properties of dinuclear complex of iron(III) salen Schiff-base with bridging 2,5-pyridindicarboxylic acid	332
Magnetic properties of dinuclear complex of iron(III) salen Schiff-base with bridging acetylenedicarboxylic acid	334
Magnetic properties of dinuclear complex of iron(III) saloph Schiff-base with bridging 2,5-pyridine-dicarboxylic acid	336
Magnetic properties of dinuclear complex of iron(III) saloph Schiff-base with bridging acetylenedicarboxylic acid	338
Magnetic properties of terephthalato bridged binuclear iron(III) complex with 5-methyl-1,10-phenanthroline	340
Magnetic properties of terephthalato bridged iron(III) complex with 1,10-phenanthroline	342
Magnetic properties of terephthalato bridged binuclear iron(III) complex with 5-chloro-1,10-phenanthroline	344
Magnetic properties of terephthalato bridged binuclear iron(III) complex with 5-nitro-1,10-phenanthroline	346
Magnetic properties of terephthalato bridged binuclear iron(III) complex with 2,2'-bipyridine	348
Magnetic properties of terephthalato bridged binuclear iron(III) complex with 4,4'-dimethyl-2,2'-bipyridine	350
Magnetic properties of (μ -oxo)diiron(III) complex with tris(2-pyridylmethyl)amine	352
Magnetic properties of (μ -oxo)diiron(III) complex with tris(2-pyridylmethyl)amine	353

Magnetic properties of (μ -oxo)diiron(III) complex with tris(2-pyridylmethyl)amine	354
Magnetic properties of (μ -oxo)diiron(III) complex with tris(2-pyridylmethyl)amine	355
Magnetic properties of (μ -oxo)diiron(III) complex with tris(2-pyridylmethyl)amine	356
Magnetic properties of cyclopentadienyl iron(III) complex which is bridged through 1,3-diethynylbenzene spacer	357
Magnetic properties of polyimidazole diiron(III) complex	359
Magnetic properties of diiron(III) complex containing three N-N bridges	361
Magnetic properties of hydroxo bridged diiron(III) complex containing acetate bridges	363
Magnetic properties of hydroxo bridged diiron(III) complex containing phosphate ester bridges	364
Magnetic properties of bis(iron) carbene complex	365
Magnetic properties of ferric phosphite	367
Magnetic properties of linear thiophenolate-bridged heterotrinnuclear, [LFeCrFeL] ⁿ⁺ complex	369
Magnetic properties of linear thiophenolate-bridged heterotrinnuclear, [LFeCrFeL] ⁿ⁺ complex	371
Magnetic properties of linear thiophenolate-bridged heterotrinnuclear, [LFeCrFeL] ⁿ⁺ complex	373
Magnetic properties of linear thiophenolate-bridged heterotrinnuclear, [LFeCoFeL] ⁿ⁺ complex	375
Magnetic properties of linear thiophenolate-bridged heterotrinnuclear, [LFeCoFeL] ⁿ⁺ complex	377
Magnetic properties of cyanide bridged mixed-valence dinuclear Fe ₂ organometallic complex	379
Magnetic properties of cyanide-bridged array of iron atoms based on salene-iron complex	380
Magnetic properties of cyanide-bridged array of iron atoms based on valene-iron complex	382
Magnetic properties of chloride cluster of iron-sulfide as tetraethylammonium salt	383
Magnetic properties of mixed halide cluster of iron sulfide as tetraethylammonium salt	384
Magnetic properties of bromide cluster of iron sulfide as tetraethylammonium salt	385
Magnetic properties of charge-transfer salt of octamethylferrocenyl thioether with organic acceptor (TCNQ)	386
Magnetic properties of cyclic trimeric iron(III) complex with porphyrin	388
Magnetic properties of cyanide bridged trinuclear complex with bent Fe ^{III} -NC-Fe ^{II} -CN-Fe ^{III} arrangement	389
Magnetic properties of cyanide bridged trinuclear complex with bent Fe ^{III} -NC-Fe ^{II} -CN-Fe ^{III} arrangement	390
Magnetic properties of cyanide-bridged array of iron atoms based on salene-iron complex	391

Magnetic properties of cyanide-bridged array of iron atoms based on vanene-iron complex	392
Magnetic properties of cyanide-bridged array of iron atoms based on salene-iron complex	393
Magnetic properties of trinuclear iron(II) complex with 4-(2'-hydroxyethyl)1,2,4-triazole	395
Magnetic properties of trinuclear complex of iron(III) salen Schiff-base with bridging 1,3,5-benzenetricarboxylic acid	397
Magnetic properties of trinuclear complex of iron(III) saloph Schiff-base with bridging 1,3,5-benzetetricarboxylic acid	399
Magnetic properties of linear thiophenolate-bridged homotrinnuclear, [LFeFeFe] ⁿ⁺ complex	401
Magnetic properties of linear thiophenolate-bridged homotrinnuclear, [LFeFeFe] ⁿ⁺ complex	403
Magnetic properties of cypentadienyl iron(III) complex which is bridged through 1,3,5-triethynylbenzene spacer	405
Magnetic properties of μ -oxo-bis[tribromoferrate(III)]	407
Magnetic properties of tetranuclear iron(III) complex with hexadentate ligand	408
Magnetic properties of hexanuclear iron(III) carboxylate	410
Magnetic properties of hexanuclear iron(III) carboxylate cluster with bis(bipyridine) ligand	412
Magnetic properties of barium iron fluoride	414
Magnetic properties of iron(III) Fe ₈ cluster	416
Magnetic properties of mixed valent dodecairon oxo complex	418
Magnetic properties of iron(III)- <i>o</i> -phthalate	420
Magnetic properties of iron(III)- <i>o</i> -phthalate	422
Part II Ru	425
Magnetic properties of ruthenium complex with dihydroxyquinoxaline	427
Magnetic properties of ruthenium(III) cyclometallated complex with Schiff-base ligand	428
Magnetic properties of ruthenium(III) <i>ortho</i> -metallated complex with Schiff base ligand	429
Magnetic properties of ruthenium(III) <i>ortho</i> -metallated complex with Schiff base ligand	430
Magnetic properties of ruthenium(III) <i>ortho</i> -metallated complex with Schiff base ligand	431
Magnetic properties of ruthenium(III) <i>ortho</i> -metallated complex with Schiff base ligand	432
Magnetic properties of ruthenium(III) <i>ortho</i> -metallated complex with Schiff base ligand	433
Magnetic properties of ruthenium(III) <i>ortho</i> -metallated complex with Schiff base ligand	434
Magnetic properties of ruthenium(III) <i>ortho</i> -metallated complex with Schiff base ligand	435
Magnetic properties of ruthenium(III) <i>ortho</i> -metallated complex with Schiff base ligand	436
Magnetic properties of ruthenium(III) <i>ortho</i> -metallated complex with Schiff base ligand	437

Magnetic properties of ruthenium(III) <i>ortho</i> -metallated complex with Schiff base ligand	438
Magnetic properties of hetrobimetallic, ruthenium(III)-cobalt(III), complex with phosphinodithiocarboxylate and oxygen tripod ligand	439
Magnetic properties of ruthenium complex with bis(diphenylthiophosphoryl)amide	440
Magnetic properties of ruthenium(III) terpyridine complex incorporating imine functionality	441
Magnetic properties of ruthenium(III) terpyridine complex incorporating imine functionality	442
Magnetic properties of ruthenium(III) complex with 2-acetylpyridine-(2-methylthiosemicarbazone)	443
Magnetic properties of ruthenium(III) complex with 2-acetylpyridine (4-methylthiosemicarbazone)	444
Magnetic properties of ruthenium(III) complex with 2-acetylpyridine (4-phenylthiosemicarbazone)	445
Magnetic properties of mixed ligand complex of ruthenium(III) with ethylenediamine tetraacetic acid and bis(diphenylphosphino)methane	446
Magnetic properties of mixed ligand complex of ruthenium(III) with ethylene diamethetraacetic acid and 1,2-bis(diphenylphosphino)ethane	447
Magnetic properties of mixed ligand complex of ruthenium(III) with ethylene diamethetraacetic acid and 1,2-bis(diphenylarsino)ethane	448
Magnetic properties of ruthenium(III) complex with N,N'-diphenylamidine ligand	449
Magnetic properties of ruthenium(III) complex with N,N'-diphenylamidine ligand	450
Magnetic properties of ruthenium(III) complex with N,N'-diphenyl-amidine ligand	451
Magnetic properties of ruthenium(III) complex with N,N'-diphenyl-amidine ligand	452
Magnetic properties of ruthenium(III) complex with N,N'-diphenyl-amidine ligand	453
Magnetic properties of ruthenium(III) complex with diphenyl diketone monothiosemicarbazone	454
Magnetic properties of ruthenium(III) complex with highly conjugated β -diketone	455
Magnetic properties of ruthenium(III) complex with highly conjugated β -diketone	456
Magnetic properties of ruthenium(III) complex with highly conjugated β -diketone	457
Magnetic properties of ruthenium(III) complex with highly conjugated β -diketone	458
Magnetic properties of ruthenium(III) complex with 2,3-butanedione monoxime	459
Magnetic properties of ruthenium(III) complex with 1-phenyl-1,2-propanedione-2-oxime	460
Magnetic properties of ruthenium(III) complex with α -benzyl monoxime	461
Magnetic properties of ruthenium(III) complex with α -2,3-butanedione monoxime monohydrazone	462
Magnetic properties of ruthenium(III) complex with 1-phenyl-1,2-propanedione-2-oxime monohydrazone	463
Magnetic properties of ruthenium(III) complex with α -benzoin monoxime	464

Magnetic properties of ruthenium(III) complex with quadridentate tetraaza ligand	465
Magnetic properties of ruthenium(III) complex with dihydroxy-quinoxaline	466
Magnetic properties of alkyne complex of ruthenium(III) stabilized by N,N-dimethylaniline (N-donor ligand)	467
Magnetic properties of alkyne complex of ruthenium(III) stabilized by N,N-dimethylaniline (N-donor ligand)	468
Magnetic properties of cyanide bridged dinuclear Fe-Ru organometallic complex	469
Magnetic properties of cyanide-bridged array of ruthenium atoms based on vanene-iron complex	470
Magnetic properties of cyanide-bridged array of ruthenium atoms based on salene-iron complex	471
Magnetic properties of cyanide-bridged array of ruthenium atoms based on salene-iron complex	472
Magnetic properties of dimeric ruthenium phthalocyanine	473
Magnetic properties of a dimeric μ -sulfato-ruthenium(III) complex with bis (diisopropylthiophosphoryl)amide	475
Magnetic properties of dinuclear, Ru ₂ complex with dibenzotetramethyltetraaza[14]annulene	476
Magnetic properties of a chain complex of diruthenium(II,III) cation dimer linked by a nitroxide radical	478
Magnetic properties of dinuclear ruthenium(II, III) complex with pyridine	480
Magnetic properties of ruthenium(II,III) pivalate cation dimer coordinated by pyridyl nitronyl nitroxide radical	481
Magnetic properties of ruthenium(II,III) pivalate cation dimer coordinated by pyridyl nitronyl nitroxide radical	483
Magnetic properties of ruthenium(II,III) pivalate cation dimer coordinated by pyridyl nitronyl nitroxide radical	485
Magnetic properties of ruthenium(II,III) pivalate cation dimer coordinated by pyridyl nitronyl nitroxide radical	487
Magnetic properties of ruthenium(II,III) pivalate cation as tetrafluoro- borate	489
Magnetic properties of ruthenium(II,III) pivalate cation as tetraphenylborate	490
Magnetic properties of diruthenium(III, II) complex with dicarbonylhydrazido ligand	491
Magnetic properties of diruthenium(III,II) complex with <i>p</i> -chlorophenylformamidine and phenylethynyl ligand	492
Magnetic properties of diruthenium(III, II) complex with <i>m</i> -chlorophenylformamidine and phenylethynyl ligand	493
Magnetic properties of diruthenium(III,II) complex with <i>m</i> -trifluoromethylphenyl-formamidine and phenylethynyl ligands	494
Magnetic properties of diruthenium(III,II) complex with 3,4-dichlorophenyl-formamidine and phenylethynyl ligand	495

Magnetic properties of diruthenium(III,II) complex with 3,5-dichlorophenyl-formamidine and phenylethynyl ligand	496
Magnetic properties of dinuclear, Ru₂ complex with dibenzotetramethyltetraaza[14]annulene	497
Magnetic properties of oxygen centered trinuclear ruthenium(III) complex	499
Magnetic properties of coordination compound having complex cation and complex anion . . .	501
Magnetic properties of coordination compound having complex cation and complex anion . . .	502
Magnetic properties of coordination compound having complex cation and complex anion . . .	503
Magnetic properties of coordination compound having complex cation and complex anion . . .	504
Magnetic properties of coordination compound having complex cation and complex anion . . .	505
Magnetic properties of tetranuclear ruthenium(II, III) complex with pyrazine	506
Part III Os	507
Magnetic properties of osmium complex with dihydroxyquinoxaline	509
Magnetic properties of osmium(III) complex with imidophosphinothiolate ligand	510
Magnetic properties of osmium(III) complex with imidophosphinothiolate and phosphine ligands	511
Magnetic properties of osmium(III) complex with 1,2-benzenedithiolate	512
Magnetic properties of osmium(III) complex with 1,2-bis(pyridine-2-carboxamido)benzene and trifluoroacetic acid	513
Magnetic properties of osmium(III) chloro complex with 1,2-bis(pyridine-2-carboxamido)benzene	514
Magnetic properties of osmium(III) complex with ethylenebis(salicyldimine)	515
Magnetic properties of osmium(III) complex with N,N'-diphenylamidine ligand	516
Magnetic properties of osmium(III) complex with N,N'-diphenylamidine ligand	517
Magnetic properties of osmium(III) complex with N,N'-diphenylamidine ligand	518
Magnetic properties of mixed ligand complex of osmium(III)-8-hydroxyquinolinolate with 2,2'-bipyridine	519
Magnetic properties of mixed ligand complex of osmium(III) 8-hydroxo-2-methylquinolinolate with 2,2'-bipyridine	520
Magnetic properties of mixed ligand complex of osmium(III) 8-hydroxyquinolinolate with 1,10-phenanthroline	521
Magnetic properties of mixed ligand complex of osmium(III) 8-hydroxo-2-methylquinolinolate with 1,10-phenanthroline	522
Magnetic properties of mixed ligand complex of osmium(III) 8-hydroxyquinolinolate with 2,2'-pyrazine	523
Magnetic properties of mixed ligand complex of osmium(III) 8-hydroxo-2-methylquinolinolate with 2,2'-pyrazine	524
Magnetic properties of osmium(IV) methoxo complex with ethylenebis(salicyldimine)	525

Magnetic properties of osmium(IV) complex with N,N'-diphenylamidine ligand	526
Magnetic properties of osmium(IV) complex with N,N'-diphenylamidine ligand	527
Magnetic properties of osmium(IV) complex with N,N'-diphenylamidine ligand	528
Part IV Co	529
Magnetic properties of hydroxo bridged cobalt(II) diphosphonate	531
Magnetic properties of cobalt(II) diphosphonate	533
Magnetic properties of cobalt(II) complex with 2-methyl-1-vinyl-imidazole	534
Magnetic properties of cobalt(II) bis-complex with 2-methyl-1-vinyl-imidazole	535
Magnetic properties of di- μ -(1,3)-N ₃ -bridged cobalt(II) complex with 1,2-bis(4-pyridyl)-ethane	536
Magnetic properties of cobalt(II) complex with triethylenetetramine and 3,5-di- <i>t</i> -butylcatechol	538
Magnetic properties of cobalt(II) 3-methylbenzoate adduct with quinoline	540
Magnetic properties of cobalt(II) 3-methylbenzoate adduct with 4-methylquinoline	541
Magnetic properties of cobalt(II) benzoate adduct with 4-methylquinoline	542
Magnetic properties of cobalt(II) benzoate adduct with quinoxaline	543
Magnetic properties of cobalt(II) 3-chlorobenzoate adduct with 4-methylquinoline	544
Magnetic properties of cobalt(II) 3-bromobenzoate adduct with quinoline	545
Magnetic properties of cobalt(II) 3-bromobenzoate adduct with 4-methylquinoline	546
Magnetic properties of cobalt(II) 3-methoxybenzoate adduct with 4-methylquinoline	547
Magnetic properties of cobalt complex with 2,2'-bipyrimidine and 3,6-di- <i>t</i> -butyl- 1,2-benzoquinone	548
Magnetic properties of polymeric 2,3-pyrazinedicarboxylate of cobalt(II)	550
Magnetic properties of cobalt(II) chelate with 2-hydroxyacetophenone oxime	552
Magnetic properties of cobalt(II) ethyl 2-hydroxyphenylketoxime	553
Magnetic properties of cobalt(II) chelate with 2-hydroxy-1-phenyl-2-propanone oxime	554
Magnetic properties of cobalt(II) chelate with 2-hydroxy-4-methoxybenzophenone oxime	555
Magnetic properties of cobalt(II) complex with 2-thiobarbituric acid	556
Magnetic properties of cobalt(II) complex with bis(2-benzothiazolyl)methanate	557
Magnetic properties of cobalt(II) complex with bis(2-benzothiazolyl)methanate	558
Magnetic properties of cobalt(II) complex with dihydrobis-(tetrazolyl)borate	559
Magnetic properties of cobalt(II) complex with diethyl 2-quinolylmethyl- phosphonate ligand	561
Magnetic properties of cobalt(II) complex with a Schiff-base derived from 4-amino-5-sulfanyl-1,2,4-triazole and glyoxal	562
Magnetic properties of cobalt(II) complex with a Schiff-base derived from 3-methyl-4-amino-5-sulfanyl-1,2,4-triazole and glyoxal	563

Magnetic properties of cobalt(II) complex with a Schiff-base derived from 3-ethyl-4-amino-5-sulfanyl-1,2,4-triazole and glyoxal	564
Magnetic properties of cobalt(II) complex with a Schiff-base derived from 3-<i>n</i>-propyl-4-amino-5-sulfanyl-1,2,4-triazole and glyoxal	565
Magnetic properties of cobalt(II) complex with a Schiff-base derived from-4-amino-5-sulfanyl-1,2,4-triazole and methylglyoxal	566
Magnetic properties of cobalt(II) complex with a Schiff-base derived from 3-methyl-4-amino-5-sulfanyl-1,2,4-triazole and methylglyoxal	567
Magnetic properties of cobalt(II) complex with a Schiff-base derived from 3-ethyl-4-amino-5-sulfanyl-1,2,4-triazole and methylglyoxal	568
Magnetic properties of cobalt(II) complex with a Schiff-base derived from 3-<i>n</i>-propyl-4-amino-5-sulfanyl-1,2,4-triazole and methylglyoxal	569
Magnetic properties of cobalt(II) complex with a Schiff-base derived from 4-amino-5-sulfanyl-1,2,4-triazole and benzil	570
Magnetic properties of cobalt(II) complex with a Schiff-base derived from 3-methyl-4-amino-5-sulfanyl-1,2,4-triazole and benzil	571
Magnetic properties of cobalt(II) complex with a Schiff-base derived from 3-ethyl-4-amino-5-sulfanyl-1,2,4-triazole and benzil	572
Magnetic properties of cobalt(II) complex with a Schiff-base derived from 3-<i>n</i>-propyl-4-amino-5-sulfanyl-1,2,4-triazole and benzil	573
Magnetic properties of cobalt(II) complex with 19-membered pentaaza-macrocyclic ligand bearing tetramide groups	574
Magnetic properties of cobalt(II) complex with 19-membered pentaaza-macrocyclic ligand bearing tetramide groups	575
Magnetic properties of cobalt(II) complex with 2-hydroxy-α-4-chlorocinnamoyl-acetophenone	576
Magnetic properties of cobalt(II) complex with hexadentate imidazole functionalised triazamacrocycle	577
Magnetic properties of cobalt(II) complex with hexadentate pyrazole functionalised triazamacrocycle	578
Magnetic properties of bis(pyridine) adduct of bis(triazen-1-olato)-cobalt(II)	579
Magnetic properties of pyridine adduct of bis(triazen-1-olato)cobalt(II)	580
Magnetic properties of pyridine adduct of bis(triazen-1-olato)cobalt(II)	582
Magnetic properties of imidazole adduct of bis(triazen-1-olato)cobalt(II)	583
Magnetic properties of 1,2-dimethylimidazole adduct of bis(triazen-1-olato)cobalt(II)	584
Magnetic properties of imidazole adduct of bis(triazen-1-olato)cobalt(II)	585
Magnetic properties of imidazole adduct of bis(triazen-1-olato)cobalt(II)	587
Magnetic properties of pyridine adduct of bis(triazen-1-olato)cobalt(II)	588
Magnetic properties of bis[3-(4-chlorophenyl)-1-methyltriazene-1-olato]cobalt(II)	589

Magnetic properties of cobalt(II) complex with pyridylmethyl-phosphonate ligand having nitrate counterion	590
Magnetic properties of cobalt(II) complex with pyridylmethyl-phosphonate ligand having perchlorate counterion	592
Magnetic properties of cobalt(II) complex with substituted diimino-pyrrolizine	594
Magnetic properties of arylazothiouracil complex of cobalt(II)	596
Magnetic properties of cobalt(II) complex with 12-membered Schiff base macrocycle ligand containing pendant group	597
Magnetic properties of cobalt(II) complex with 12-membered Schiff-base macrocycle ligand containing pendant group	598
Magnetic properties of cobalt(II) complex with 12-membered Schiff-base macrocycle ligand containing pendant group	599
Magnetic properties of cobalt(II) complex with ethylenediamine and chlorosulphate ligands	600
Magnetic properties of cobalt(II) complex with N-methyl-ethylenediamine and chlorosulphate ligands	601
Magnetic properties of cobalt(II) complex with N-ethyl-ethylenediamine and chlorosulphate ligands	602
Magnetic properties of cobalt(II) complex with N,N'-dimethyl-ethylenediamine and chlorosulphate ligands	603
Magnetic properties of cobalt(II) complex with N,N'-diethylethylenediamine and chlorosulphate ligands	604
Magnetic properties of cobalt(II) complex with malonyldihydrazide based macrocyclic ligand	605
Magnetic properties of cobalt(II) complex with diphenyl diketone monothiosemicarbazone	606
Magnetic properties of adduct of dichlorosuphato-bis(1,3-propylenediamine)cobalt(II) with dimethylin substrate	607
Magnetic properties of adduct of dichlorosuphato-bis(1,3-propylenediamine)cobalt(II) with dibutylin substrate	608
Magnetic properties of cobalt(II) complex with a 17-membered macrocyclic containing an N₅ donor set	609
Magnetic properties of cobalt(II) complex with pyridine-2-carbaldehyde pyridin-2'-ylhydrazone	611
Magnetic properties of cobalt(II) complex with 6-methylpyridine-2-carbaldehyde-pyridin-2'-ylhydrazone	612
Magnetic properties of cobalt(II) complex with 6-methylpyridin-2-carbaldehyde-6'-methyl-pyridin-2'-ylhydrazone	613
Magnetic properties of cobalt(II) complex with pyridin-carbaldehyde-6'-chloro-pyridin-2'-ylhydrazone	614
Magnetic properties of cobalt(II) complex with pyridin-2-carbaldehyde-2'-quinolylhydrazone	615

Magnetic properties of cobalt(II) complex with 2-hydroxy- ω -4-cinnamoyl acetophenone	616
Magnetic properties of cobalt(II) complex with 5,5-dimethylcyclohexane-1,2,3-trione-2-(<i>p</i> -nitrophenylhydrazine)	617
Magnetic properties of cobalt(II) complex with 5,5-dimethylcyclohexane-1,2,3-trione-2-(<i>p</i> -chlorophenylhydrazine)	618
Magnetic properties of cobalt(II) complex with 2-mercaptobenzothiazole	619
Magnetic properties of mononuclear cobalt(II) complex with Schiff-base derived from 1,2,3,5,6,7,8,8a-octahydro-3-oxo-N,1-diphenyl-5(phenylmethylene)-2-naphthalenecarboxamide and <i>o</i> -aminophenol	620
Magnetic properties of mononuclear cobalt(II) complex with Schiff-base derived from 1,2,3,5,6,7,8,8a-octahydro-3-oxo-N,1-diphenyl-5(phenyl-methylene)-2-naphthalenecarboxamide and <i>o</i> -aminothiophenol	621
Magnetic properties of mononuclear cobalt(II) complex with Schiff-base derived from 1,2,3,5,6,7,8,8a-octahydro-3-oxo-N,1-diphenyl-5(phenyl-methylene)-2-naphthalenecarboxamide and <i>o</i> -aminobenzoic acid	622
Magnetic properties of triphenylmethylphosphonium salt of cobalt(II)	624
Magnetic properties of cobalt(II) complex with cyclopropanecarbohydroxamic acid	625
Magnetic properties of cobalt(II) complex with cyclohexylacetohydroxamic acid	626
Magnetic properties of tetramide macrocyclic complex of cobalt(II)	627
Magnetic properties of tetramide macrocyclic complex of cobalt(II)	628
Magnetic properties of cobalt(II) complex with hydrogen N-picolinamido-N'-benzoylthiocarbamide	629
Magnetic properties of cobalt(II) complex with N-picolinamido-N'-benzoylthiocarbamide . . .	630
Magnetic properties of cobalt(II) complex with a ferrocene Schiff base derivative	631
Magnetic properties of cobalt(II) complex with a ferrocene Schiff base derivative	632
Magnetic properties of cobalt(II) complex with a ferrocene Schiff base derivative	633
Magnetic properties of cobalt(II) mononuclear chelate derived from potassium benzenesulfonyldithiocarbazate	634
Magnetic properties of cobalt(II) acetate complex with fluorenone anthranilic acid	635
Magnetic properties of cobalt(II) chloro complex with benzoin phenylhydrazine	636
Magnetic properties of cobalt(II) nitrate complex with benzoin phenylhydrazine	637
Magnetic properties of cobalt(II) chloro complex with benzoin thiosemicarbazone	638
Magnetic properties of cobalt(II) complex with benzoin thiosemicarbazone	639
Magnetic properties of cobalt(II) complex with benzaldehyde morpholine-N-thiohydrazine	640
Magnetic properties of cobalt(II) complex with cinnamaldehyde morpholine-N-thiohydrazine	641
Magnetic properties of cobalt(II) complex with cyclohexanone-morpholine-N-thiohydrazine	642

Magnetic properties of cobalt(II) complex with bis-heterocyclic ligand	643
Magnetic properties of cobalt(II) complex with bis-heterocyclic ligand	644
Magnetic properties of cobalt(II) complex with bis-heterocyclic ligand	645
Magnetic properties of mixed ligand cobalt(II) complex with bis-(4-hydroxybenzalsemicarbazone) and pyridine	646
Magnetic properties of mixed ligand cobalt(II) complex with bis-(4-hydroxybenzalsemicarbazone) and 4-methylpyridine	647
Magnetic properties of mixed ligand cobalt(II) complex with bis-(4-hydroxybenzalsemicarbazone) and quinoline	648
Magnetic properties of mixed ligand cobalt(II) complex with bis-(4-hydroxybenzalsemicarbazone) and isoquinoline	649
Magnetic properties of cobalt(II) complex with 2-furfurylidene- <i>p</i> -nitroaniline	650
Magnetic properties of cobalt(II) complex with 2-furfurylidene- <i>m</i> -nitroaniline	651
Magnetic properties of coordination polymer of cobalt(II) with poly-Schiff-base	652
Magnetic properties of cobalt(II) complex with 7-(α -phenyl- α - <i>m</i> -nitroanilinomethyl)-8- quinolinol	653
Magnetic properties of cobalt(II) complex with 7-(α -phenyl- α - <i>p</i> -nitroanilinomethyl)-8- quinolinol	654
Magnetic properties of cobalt(II) complex with 2-(2-thiazolylazo)-1,3-acetylacetone	655
Magnetic properties of cobalt(II) complex with 2-(2-thiazolylazo)-1, 3-trifluoroacetylacetone	656
Magnetic properties of cobalt(II) complex with 2-(2-thiazolylazo)-1, 3-benzoylacetone	657
Magnetic properties of cobalt(II) complex with 2-(2-thiazolylazo)-1, 3-thenoyltrifluoro acetylacetone	658
Magnetic properties of cobalt(II) complex with 2-(2-thiazolylazo)-1,3-methylacetoacetate	659
Magnetic properties of cobalt(II) chelate of 3-(2-hydroxy-5-chloro-benzylideneamino)-5- methylisoxazole	660
Magnetic properties of cobalt(II) chelate of 3-(2-hydroxy-5-bromo-benzylideneamino)-5- methylisoxazole	661
Magnetic properties of cobalt(II) chloro complex with 2-acetylpyridine-2- aminobenzophenone-2-furoylhydrazone	662
Magnetic properties of cobalt(II) complex with 2-acetylpyridine-2-aminobenzophenone-2- furoylhydrazone	663
Magnetic properties of cobalt(II) complex with 7-(α -phenyl- α - <i>o</i> -chloroanilinomethyl)-8- quinolinol	664
Magnetic properties of cobalt(II) complex with 7-(α -phenyl- α - <i>m</i> -chloroanilinomethyl)-8- quinolinol	665
Magnetic properties of cobalt(II) polychelate with Schiff-base (4,4'-dihydroxy-3,3'- diacetylbi-phenyl-2,3-butanedione dihydrazone)	666

Magnetic properties of cobalt(II) complex with a Schiff-base derived from <i>o</i>-hydroxyphenylglyoxal and ethylenediamine	667
Magnetic properties of cobalt(II) complex with a ketoanil	668
Magnetic properties of aqua-chloro cobalt(II) complex with ketoanil	669
Magnetic properties of aqua-chloro cobalt(II) complex with ketoanil	670
Magnetic properties of aqua-chloro cobalt(II) complex with ketoanil	671
Magnetic properties of cobalt(II) complex with thiourea and ketoanil	672
Magnetic properties of cobalt(II) complex with thiourea and ketoanil	673
Magnetic properties of cobalt(II) aqua complex with ketoanil	674
Magnetic properties of cobalt(II) complex with thiourea and ketoanil	675
Magnetic properties of cobalt(II) complex with thiourea and ketoanil	676
Magnetic properties of cobalt(II) complex with 2-methoxyazophenol	677
Magnetic properties of cobalt(II) complex with 2-methoxyazophenol	678
Magnetic properties of cobalt(II) complex with 2-methoxyazophenol	679
Magnetic properties of cobalt(II) complex with 2-methoxyazophenol	680
Magnetic properties of cobalt(II) complex with N-salicylidene-glycine	681
Magnetic properties of cobalt(II) complex with N-salicylidene-L-alanine	682
Magnetic properties of cobalt(II) complex with N-salicylidene-L-phenylalanine	683
Magnetic properties of cobalt(II) chloro complex with 2,6-diacetylpyridine-bis (benzalhydrazone)	684
Magnetic properties of cobalt(II) bromo complex with 2,6-diacetylpyridine-bis (benzalhydrazone)	685
Magnetic properties of cobalt(II) nitrate complex with 2,6-diacetylpyridine-bis (benzalhydrazone)	686
Magnetic properties of cobalt(II) thiocyanato complex with 2,6-diacetylpyridine-bis (benzalhydrazone)	687
Magnetic properties of cobalt(II) complex with Schiff base derived from thiophene-2-aldehyde and 4-chloroaniline	688
Magnetic properties of cobalt(II) complex with Schiff base derived from thiophene-2-aldehyde and 4-bromoaniline	689
Magnetic properties of cobalt(II) complex with heterocyclic benzoylhydrazone	690
Magnetic properties of cobalt(II) complex with heterocyclic benzoylhydrazone	691
Magnetic properties of cobalt(II) complex with Morin	692
Magnetic properties of cobalt(II) complex with cyanoimidodithiocarbonic acid	693
Magnetic properties of cobalt(II) complex with Schiff base	694
Magnetic properties of cobalt(II) complex with Schiff base	695
Magnetic properties of cobalt(II) complex with acetyl salicylhydrazone	696

Magnetic properties of mixed ligand complex of cobalt(II) with [(methylthiophen-2-yl)methylene]hydrazono-carbothioamide and thiocyanate	697
Magnetic properties of mixed ligand complex of cobalt(II) with [(methylthiophen-2-yl)methylene]hydrazono-carbothioamide and cyanate	698
Magnetic properties of mixed ligand complex of cobalt(II) with hydrazinecarbothioamide and thiocyanate	699
Magnetic properties of mixed ligand complex of cobalt(II) with hydrazinecarbothioamide and cyanate	700
Magnetic properties of cobalt(II) complex with 2-(benzothiazolyl-2'-aminoimino)-1,2-diphenylethanone	701
Magnetic properties of cobalt(II) complex with isovanillin isonicotinoylhydrazone	702
Magnetic properties of cobalt(II) complex with 2-hydroxyacetophenoneoxime-thiourea-trioxane resin	703
Magnetic properties of cobalt(II) with Schiff-base derived from condensation of 5-[4'-(nitrophenyl)azo]salicylaldehyde with thiosemicarbazone	704
Magnetic properties of cobalt(II) acetate complex with Schiff-base derived from condensation of 5-[4'-(nitrophenyl)azo]salicylaldehyde with thiosemicarbazone	705
Magnetic properties of cobalt(II) complex with Schiff-base derived from 8-acetyl-7-hydroxy-4-methylcoumarin-4-chloroaniline	706
Magnetic properties of cobalt(II) complex with Schiff-base derived from 8-acetyl-7-hydroxy-4-methylcoumarin-4-nitroaniline	707
Magnetic properties of cobalt(II) complex with morpholine-N-thio-hydrazone of cyclohexanone	708
Magnetic properties of cobalt(II) complex with morpholine-N-thio-hydrazone of benzaldehyde	709
Magnetic properties of cobalt(II) complex with morpholine-N-thio-hydrazone of cinnamaldehyde	710
Magnetic properties of cobalt(II) complex with Schiff-base derived from 2-thiophenecarboxaldehyde and 2-monopropanolamine	711
Magnetic properties of cobalt(II) chloro complex with Schiff-base derived from 2-thiophenecarboxaldehyde and 2-monopropanolamine	712
Magnetic properties of cobalt(II) complex with Schiff-base derived from 3-aminodibenzofuran and salicylaldehyde	713
Magnetic properties of cobalt(II) complex with 2-furfurylidene-2-aminopyridine	714
Magnetic properties of cobalt(II) complex with ethyl methyl ketone-2-aminopyridine	715
Magnetic properties of cobalt(II) complex with salicylidene-2-aminopyridine	716
Magnetic properties of mixed ligand complex with cobaloxime with 1-benzyl-2-phenylbenzimidazole	717
Magnetic properties of mixed ligand complex of cobalt(II) with hydrazine and glycine	718
Magnetic properties of mixed ligand complex of cobalt(II) with hydrazine and glycolic acid	719

Magnetic properties of mixed ligand complex of cobalt(II) with <i>o</i>-hydroxybenzoic acid and hydrazine	720
Magnetic properties of mixed ligand complex of cobalt(II) with <i>p</i>-hydroxybenzoic acid and hydrazine	721
Magnetic properties of cobalt(II) with <i>o</i>-hydroxybenzoic acid as hydrazinium salt	722
Magnetic properties of cobalt(II) complex with citric acid	723
Magnetic properties of cobalt(II) chelate(1:1) with 3-methoxy-salicylidene-2-aminothiophenol Schiff-base	724
Magnetic properties of cobalt(II) chelate(1:2) with 3-methoxy-salicylidene-2-aminothiophenol Schiff-base	725
Magnetic properties of an intermediate resulting from thermal decomposition of $[\text{Co}(\text{NH}_3)_6]_2(\text{C}_2\text{O}_4)_3 \cdot 4\text{H}_2\text{O}$	726
Magnetic properties of an intermediate resulting from thermal decomposition of $[\text{Co}(\text{NH}_3)_6]_2(\text{C}_2\text{O}_4)_3 \cdot 4\text{H}_2\text{O}$	727
Magnetic properties of an intermediate of cobalt(II) acetylsalicylhydro-oxamate thermal decomposition	728
Magnetic properties of cobalt(II) complex with 1,2-diapiperidinoethane	729
Magnetic properties of cobalt(II) complex with bis(2-benzothiazolyl)methanate	730
Magnetic properties of cobalt(II) complex with bis(2-benzoxazolyl)methanate	731
Magnetic properties of cobalt(II) acetate complex with thymine	732
Magnetic properties of cobalt(II) complex with 6-(phenyl)thymine	733
Magnetic properties of cobalt(II) complex with thiobarbituric acid	734
Magnetic properties of cobalt(II) complex with porphyrin	735
Magnetic properties of cobalt(II) amidodiphosphine chloride complex	736
Magnetic properties of cobalt(II) amidodiphosphine bromide complex	737
Magnetic properties of cobalt(II) amidodiphosphine methyl complex	738
Magnetic properties of cobalt(II) amidodiphosphine benzyl complex	739
Magnetic properties of cobalt(II) amidodiphosphine (trimethylsilyl)methyl complex	740
Magnetic properties of cobalt(II) amidodiphosphine cyclopentadienyl complex	741
Magnetic properties of polymer complex of secondary cellular acetate (sca) with cobalt(II)	742
Magnetic properties of cobalt(II) mixed ligand complex with 4,5-diazo-fluorene-9-one and thiocyanate	743
Magnetic properties of cobalt(II) mixed ligand complex with 4,5-diazafluorene-9-hydrazone and thiocyanate	744
Magnetic properties of cobalt(II) mixed ligand complex with 4,5-diazafluorene-9-hydrazone and chloride	745
Magnetic properties of cobalt(II) complex with tridentate Schiff-base (6-amino-5-formyl-1,3-dimethyluracil-benzoylhydrazone)	746

Magnetic properties of cobalt(II) complex with 1-(3-hydroxy-2-naphthyl)-5-(phenyl)pent-4-ene-1,3-dione	747
Magnetic properties of cobalt(II) complex with 1-(3-hydroxy-2-naphthyl)-5-(<i>p</i> -chlorophenyl)pent-4-ene-1,3-dione	748
Magnetic properties of cobalt(II) complex with 1-(3-hydroxy-2-naphthyl)-5-(<i>p</i> -methylphenyl)pent-4-ene-1,3-dione	749
Magnetic properties of cobalt(II) complex with 1-(3-hydroxy-2-naphthyl)-5-(<i>p</i> -methoxyphenyl)pent-4-ene-1,3-dione	750
Pyridine adduct of cobalt(II) complex with 1-(3-hydroxy-2-naphthyl)-5-(phenyl)pent-4-ene-1,3-dione	751
Pyridine adduct of cobalt(II) complex with 1-(3-hydroxy-2-naphthyl)-5-(<i>p</i> -chlorophenyl)pent-4-ene-1,3-dione	752
Pyridine adduct of cobalt(II) complex with 1-(3-hydroxy-2-naphthyl)-5-(<i>p</i> -methylphenyl)pent-4-ene-1,3-dione	753
Magnetic properties of pyridine adduct of cobalt(II) complex with 1-(3-hydroxy-2-naphthyl)-5-(<i>p</i> -methoxyphenyl)pent-4-ene-1,3-dione	754
Magnetic properties of cobalt(II) triazene-1-oxide bis(chelates)	755
Magnetic properties of cobalt(II) triazene-1-oxide bis(chelates)	756
Magnetic properties of cobalt(II) triazene-1-oxide bis(chelates)	757
Magnetic properties of cobalt(II) triazene-1-oxide bis(chelates)	759
Magnetic properties of cobalt(II) triazene-1-oxide bis(chelates)	760
Magnetic properties of cobalt(II) triazene-1-oxide bis(chelates)	761
Magnetic properties of cobalt(II) triazene-1-oxide bis(chelates)	762
Magnetic properties of cobalt(II) triazene-1-oxide bis(chelates)	763
Magnetic properties of cobalt(II) triazene-1-oxide bis(chelates)	764
Magnetic properties of cobalt(II) triazene-1-oxide bis(chelates)	765
Magnetic properties of cobalt(II) triazene-1-oxide bis(chelates)	766
Magnetic properties of cobalt(II) triazene-1-oxide bis(chelates)	767
Magnetic properties of cobalt(II) triazene-1-oxide bis(chelates)	768
Magnetic properties of cobalt(II) triazene-1-oxide bis(chelates)	769
Magnetic properties of cobalt(II) triazene-1-oxide bis(chelates)	770
Magnetic properties of cobalt(II) triazene-1-oxide bis(chelates)	771
Magnetic properties of cobalt(II) triazene-1-oxide bis(chelates)	772
Magnetic properties of cobalt(II) triazene-1-oxide bis(chelates)	773
Magnetic properties of cobalt(II) triazene-1-oxide bis(chelates)	774
Magnetic properties of cobalt(II) triazene-1-oxide bis(chelates)	775
Magnetic properties of cobalt(II) triazene-1-oxide bis(chelates)	776
Magnetic properties of cobalt(II) triazene-1-oxide bis(chelates)	777

Magnetic properties of cobalt(II) triazene-1-oxide bis(chelates)	778
Magnetic properties of cobalt(II) triazene-1-oxide bis(chelates)	779
Magnetic properties of cobalt(II) triazene-1-oxide bis(chelates)	780
Magnetic properties of cobalt(II) triazene-1-oxide bis(chelates)	781
Magnetic properties of cobalt(II) triazene-1-oxide bis(chelates)	782
Magnetic properties of cobalt(II) triazene-1-oxide bis(chelates)	783
Magnetic properties of cobalt(II) triazene-1-oxide bis(chelates)	784
Magnetic properties of cobalt(II) triazene-1-oxide bis(chelates)	785
Magnetic properties of cobalt(II) triazene-1-oxide bis(chelates)	786
Magnetic properties of cobalt(II) triazene-1-oxide bis(chelates)	787
Magnetic properties of cobalt(II) triazene-1-oxide bis(chelates)	788
Magnetic properties of cobalt(II) triazene-1-oxide bis(chelates)	789
Magnetic properties of cobalt(II) triazene-1-oxide bis(chelates)	790
Magnetic properties of cobalt(II) triazene-1-oxide bis(chelates)	791
Magnetic properties of cobalt(II) triazene-1-oxide bis(chelates)	792
Magnetic properties of cobalt(II) triazene-1-oxide bis(chelates)	793
Magnetic properties of cobalt(II) triazene-1-oxide bis(chelates)	794
Magnetic properties of cobalt(II) triazene-1-oxide bis(chelates)	795
Magnetic properties of cobalt(II) triazene-1-oxide bis(chelates)	796
Magnetic properties of cobalt(II) triazene-1-oxide bis(chelates)	797
Magnetic properties of cobalt(II) triazene-1-oxide bis(chelates)	798
Magnetic properties of cobalt(II) triazene-1-oxide bis(chelates)	799
Magnetic properties of cobalt(II) triazene-1-oxide bis(chelates)	800
Magnetic properties of cobalt(II) triazene-1-oxide bis(chelates)	801
Magnetic properties of cobalt(II) triazene-1-oxide bis(chelates)	802
Magnetic properties of cobalt(II) triazene-1-oxide bis(chelates)	803
Magnetic properties of cobalt(II) triazene-1-oxide bis(chelates)	804
Magnetic properties of cobalt(II) triazene-1-oxide bis(chelates)	805
Magnetic properties of cobalt(II) triazene-1-oxide bis(chelates)	806
Magnetic properties of cobalt(II) triazene-1-oxide bis(chelates)	807
Magnetic properties of cobalt(II) triazene-1-oxide bis(chelates)	808
Magnetic properties of cobalt(II) nitrate complex with tetraza macrocyclic ligand	809
Magnetic properties of cobalt(II) hydroxide nitrate	810
Magnetic properties of (tetrabenzoporphyrinato)cobalt(II) iodide	812
Magnetic properties of cobalt(II) macrocyclic-catechol complex	814

Magnetic properties of heterodinuclear $\text{Cu}^{\text{II}}\text{Co}^{\text{II}}$ acetato complex with dione dioxime	815
Magnetic properties of heterodinuclear $\text{Cu}^{\text{II}}\text{Co}^{\text{III}}$ chloro complex with dione dioxime	817
Magnetic properties of spin-crossover octahedral $\text{Co}(\text{II})$ complex	819
Magnetic properties of cobalt(II) halide-bridged complex with bulky bidentate “trisyl” ligand	821
Magnetic properties of cobalt(II) chloro complex with triphenylphosphine	822
Magnetic properties of cobalt(II) complex with β -ketophosphine	823
Magnetic properties of heterobimetallic iron(II)-cobalt(II) compound containing ferrocenyl Schiff base	824
Magnetic properties of linear heterotrinnuclear $\text{Co}^{\text{III}}\text{Cu}^{\text{II}}\text{Ni}^{\text{II}}$ complex with 1,4,7-trimethyl-1,4,7-triazacyclononane and asymmetric dicompartmented imine-oxime ligand	826
Magnetic properties of dinuclear $\text{Co}^{\text{II}}\text{Pb}^{\text{II}}$ complex with dinucleating macrocyclic ligand	828
Magnetic properties of dinuclear $\text{Co}^{\text{II}}\text{Pb}^{\text{II}}$ complex with dinucleating macrocyclic ligand	829
Magnetic properties of $\text{Co}(\text{II})$ - $\text{Cu}(\text{II})$ chloro complex with [di(4-bromo-2-iminomethyl-6-methylaminomethylphenolate)]	830
Magnetic properties of $\text{Co}(\text{II})$ - $\text{Cu}(\text{II})$ complex with [di(4-bromo-2-iminomethyl-6-methylaminomethylphenolate)]	832
Magnetic properties of $\text{Cu}(\text{II})$ - $\text{Co}(\text{II})$ perchlorato complex with [di(4-bromo-2-iminomethyl-6-methylaminomethylphenolate)]	834
Magnetic properties of heterobimetallic $\text{Co}(\text{II})$ - $\text{Cd}(\text{II})$ complex with dithiofuroate	836
Magnetic properties of cobalt(II) complex with 1-methylisatin- <i>N</i> (4)-methylthiosemicarbazone	837
Magnetic properties of cobalt(II) chloro complex with 1-methylisatin- <i>N</i> (4)-methylthiosemicarbazone	838
Magnetic properties of cobalt(II) complex with 1-methylisatin- <i>N</i> (4)-dimethylthiosemicarbazone	839
Magnetic properties of cobalt(II) chloro complex with 1-methylisatin- <i>N</i> (4)-dimethylthiosemicarbazone	840
Magnetic properties of cobalt(II) chloro complex with 4-formylanti-pyrene- <i>N</i> (4)-antipyrinylthiosemicarbazone	841
Magnetic properties of cobalt(II) acetato complex with 4-formylanti-pyrene- <i>N</i> (4)-antipyrinylthiosemicarbazone	842
Magnetic properties of cobalt(II) complex with furfurylidene-nicotin-amide Schiff-base	843
Magnetic properties of cobalt(II) complex with α -oximinoacetoacet- <i>o</i> -chloroanilide- β -thiosemicarbazone	844
Magnetic properties of cobalt(II) complex with α -oximinoacetoacet- <i>p</i> -chloroanilide- β -thiosemicarbazone	845
Magnetic properties of cobalt complex containing catecholate and semiquinone ligands	846
Magnetic properties of bimetallic, cobalt(II)-silver(I) complex with triphenylphosphine	848
Magnetic properties of cobalt(III) amidodiphosphine dichloride complex	849

Magnetic properties of cobalt(III) amidodiphosphine bromide-chloride complex	850
Magnetic properties of cobalt(III) amidodiphosphine dibromide complex	851
Magnetic properties of tetraisopropylcyclopentadienyl complex of cobalt(II)	853
Magnetic properties of dimeric cobalt(II) chloride complex with N,N-dimethylformamide . . .	855
Magnetic properties of <i>o</i> -phenylenebis(oxamato)-bridged Co ^{II} Cu ^{II} Co ^{II} complex	856
Magnetic properties of hetero tetrametallic, Fe ₂ (III)-Co ₂ (II) complex with a ketoanil	858
Magnetic properties of hetero tetrametallic, Fe ₂ (III)-Co ₂ (II) complex with a ketoanil	859
Magnetic properties of octanuclear mixed-valence (Co ^{II} , Co ^{III}) cluster	860
Magnetic properties of hydroxo bridged dinuclear cobalt(II) diphosphonate	862
Magnetic properties of dinuclear cobalt(II) diphosphonate	863
Magnetic properties of binuclear cobalt(II) complex of 2,6-diformyl-4-methylphenol dioxime	864
Magnetic properties of disodium-dicobalt metal oxalate complex	866
Magnetic properties of dinuclear Co ^{II} Co ^{II} complex with dinucleating macrocyclic ligand . . .	867
Magnetic properties of dinuclear Co ^{II} Co ^{II} complex with dinucleating macrocyclic ligand . . .	868
Magnetic properties of dinuclear cobalt (Co ₂) complex with 2,2'-bipyrimidine and 3,6-di- <i>t</i> -butyl-1,2-benzoquinone	869
Magnetic properties of cobalt(II) complex with Schiff-base cryptand	871
Magnetic properties of dinuclear cobalt(II) hydroxide complex with octaamino cryptand (as triflate salt)	872
Magnetic properties of dinuclear cobalt(II) Co ₂ , hydroxide complex with octaamino cryptand (as perchlorate salt)	873
Magnetic properties of dinuclear cobalt(II) imidazolate complex with octaamino cryptand (as triflate salt)	874
Magnetic properties of dinuclear cobalt(II) azide complex with octaamino cryptand (as triflate salt)	875
Magnetic properties of dinuclear complex of cobalt(II) with N,N'-substituted dithioxamide	876
Magnetic properties of dinuclear complex of cobalt(II) with N,N'-substituted dithioxamide	877
Magnetic properties of dinuclear complex of cobalt(II) with N,N'-substituted dithioxamide	878
Magnetic properties of dinuclear complex of cobalt(II) with N,N'-substituted dithioxamide	879
Magnetic properties of dinuclear complex of cobalt(II) with N,N'-substituted dithioxamide	880
Magnetic properties of dinuclear complex of cobalt(II) with N,N'-substituted dithioxamide	881
Magnetic properties of cobalt(II) complex with a ferrocene Schiff base derivative	882

Magnetic properties of binuclear cobalt(II) chelate derived from potassium benzenesulfonyldithiocarbazate	883
Magnetic properties of dinuclear cobalt(II) complex with Schiff-base derived from 4,4'-diaminodiphenylsulphone with salicylaldehyde	884
Magnetic properties of dinuclear cobalt(II) complex with Schiff-base derived from 4,4'-diaminodiphenylsulphone with 2-hydroxy-1-napthaldehyde	885
Magnetic properties of dinuclear cobalt(II) complex with ONNO donor azo dye	886
Magnetic properties of dinuclear cobalt(II) complex with chelating azo dye ligand	887
Magnetic properties of dinuclear cobalt(II) complex with chelating azo dye ligand	888
Magnetic properties of aqua-chloro dinuclear cobalt(II) complex with ketoanil	889
Magnetic properties of dinuclear cobalt(II) complex with thiourea and ketoanil	890
Magnetic properties of (μ-oxalato)-bis(tetramine)dicobalt(II) complex	891
Magnetic properties of (μ-oxalato)-bis(tetramine)dicobalt(II) complex	892
Magnetic properties of (μ-oxalato)-bis(tetramine)dicobalt(II) complex	894
Magnetic properties of cobalt(II) complex with a ferrocene Schiff base derivative	896
Magnetic properties of trinuclear cobalt(II), Co₃ complex with succinyldihydrazide based macrocyclic ligand	897
Magnetic properties of trimetallic cobalt(II) complex with bis-bidentate azo dye	898
Magnetic properties of trimetallic cobalt(II) complex with bis-bidentate azo dye	899
Magnetic properties of hetero tetrametallic, Fe(III)-Co₃(II) complex with a ketoanil	900
Magnetic properties of hetero tetrametallic, Fe(III)-Co₃(II) complex with a ketoanil	901
Magnetic properties of trimeric cobalt(II) complex with citric acid	902
Magnetic properties of trinuclear hydrido cluster of cobalt	903
Magnetic properties of linear tricobalt compound with di(2-pyridyl)amide ligand	904
Magnetic properties of linear tricobalt complex with di(2-pyridyl)amide	906
Magnetic properties of linear tricobalt complex with di(2-pyridyl)amide	908
Magnetic properties of tetranuclear cobalt(II) exchange-coupled cluster encapsulated in hetropolytungastate complex	910
Magnetic properties of tetranuclear cobalt(II) exchange-coupled cluster encapsulated in hetropolytungastate complex	912