

Contents

Introduction	1
Part I Rh	11
Magnetic properties of diruthenium(III,II) complex with <i>p</i>-chlorophenylformamidine and phenylethynyl ligand	13
Magnetic properties of binuclear complex of rhodium(III) with N-hydroxyethyl-N,N'-tribenzimidazolylmethylenediamine	14
Part II Ni	15
Magnetic properties of heterobimetallic iron(II)-nickel(II) compound containing ferrocenyl Schiff base	17
Magnetic properties of hetrobimetallic complex, Hg(II)-Ni(II), derived from bis{(1-ethoxycarbonyl)-1-cyanoethylene-2,2-dithiolato}nickelate(II)	19
Magnetic properties of nickel diethylenetriamine complex containing vanadium oxide	20
Properties of di-μ-(1,3)-N₃-bridged nickel(II) complex with 1,2-bis(4-pyridyl)-ethane	22
Magnetic properties of nickel(II) complex with 2,4,4-trimethyl-1,5,9-triazacyclododec-1-ene and pyridine-2-thione ligand	24
Magnetic properties of nickel(II) complex with 2,4,4-trimethyl-1,5,9-triazacyclododec-1-ene and pyrimidine-2-thione ligand	25
Magnetic properties of nickel(II) complex with 2,4,4-trimethyl-1,5,9-triazacyclododec-1-ene and benzimidazole-2-thione ligand	26
Magnetic properties of nickel(II) complex with 2,4,4-trimethyl-1,5,9-triazacyclododec-1-ene and benzothiazole-2-thione ligands	27
Magnetic properties of nickel(II) complex with 2,4,4,9-tetramethyl-1,5,9-triazacyclododec-1-ene and pyridine-2-thione ligands	28
Magnetic properties of nickel(II) complex with 2,4,4,9-tetramethyl-1,5,9-triazacyclododec-1-ene and pyrimidine-2-thione ligands	29
Magnetic properties of nickel(II) complex with 2,4,4,9-tetramethyl-1,5,9-triazacyclododec-1-ene and benzimidazole-2-thione ligands	30
Magnetic properties of nickel(II) complex with 2,4,4,9-tetramethyl-1,5,9-triazacyclododec-1-ene and benzothiazole-2-thione ligands	31
Magnetic properties of nickel(II) chloride complex with 2,6-bis(1,2,4-triazol-3-yl)pyridine . . .	32
Magnetic properties of nickel(II) perchlorate complex with 2,6-bis(1,2,4-triazol-3-yl)pyridine	33
Magnetic properties of nickel(II) perchlorate complex with 2,6-bis(1,(N)-methyl-1,2,4-triazol-3-yl)pyridine	34

Magnetic properties of nickel(II) perchlorate complex with 2,6-bis(5-methyl-1,2,4-triazol-3-yl)pyridine	35
Magnetic properties of nickel(II) perchlorate complex with 2,6-bis(1,5-dimethyl-1,2,4-triazol-3-yl)pyridine	36
Magnetic properties of nickel(II) 3-methylbenzoate adduct with quinoline	37
Magnetic properties of nickel(II) 3-methylbenzoate adduct with 4-methyl quinoline	38
Magnetic properties of nickel(II) benzoate adduct with 4-methylquinoline	39
Magnetic properties of nickel(II) 3-chlorobenzoate adduct with quinoline	40
Magnetic properties of nickel(II) 3-bromobenzoate adduct with quinoline	41
Magnetic properties of nickel(II) 3-bromobenzoate adduct with 4-methylquinoline	42
Magnetic properties of nickel(II) 3-methoxylbenzoate adduct with 4-methylquinoline	43
Magnetic properties of nickel(II) 3-nitrobenzoate adduct with quinoline	44
Magnetic properties of hydrogen 2,3-pyrazinedicarboxylate of nickel(II)	45
Magnetic properties of polymeric 2,3-pyrazinedicarboxylate of nickel(II)	47
Magnetic properties of mixed ligand nickel(II) perchlorato complex containing acetylacetone and 1,10-phenanthroline	49
Magnetic properties of mixed ligand nickel(II) perchlorato complex containing acetylacetone and 2,9-dimethyl-1,10-phenanthroline	50
Magnetic properties of mixed ligand nickel(II) perchlorato complex containing dibenzoylmethane and 2,2'-bipyridine	51
Magnetic properties of mixed ligand nickel(II) perchlorato complex containing dibenzoylmethane and 1,10-phenanthroline	52
Magnetic properties of mixed ligand nickel(II) perchlorato complex containing dibenzoylmethane and 2,9-dimethyl-1,10-phenanthroline	53
Magnetic properties of mixed ligand nickel(II) perchlorato complex containing ethyl acetoacetate and 2,2'-bipyridine	54
Magnetic properties of mixed ligand nickel(II) perchlorato complex containing ethyl acetoacetate and 1,10-phenanthroline	55
Magnetic properties of mixed ligand nickel (II) perchlorato complex containing ethyl acetoacetate and 2,9-dimethyl-1,10-phenanthroline	56
Magnetic properties of mixed ligand nickel(II) complex containing acetylacetone and 2,2'-bipyridine	57
Magnetic properties of mixed ligand nickel(II) complex containing acetylacetone and 2,2'-dipyridylamine	58
Magnetic properties of mixed ligand nickel(II) complex containing dibenzoylmethane and 2,2'-dipyridylamine	59
Magnetic properties of mixed ligand nickel(II) complex containing ethyl acetoacetate and 2,9-dimethyl-1,10-phenanthroline	60
Magnetic properties of mixed ligand nickel(II) complex containing ethyl acetatoacetate and 2,2'-dipyridylamine	61

Magnetic properties of mixed ligand nickel(II) complex containing 1-phenyl-4,4,4-trifluoro-1,3-butanedione and 2,9-dimethyl-1,10-phenanthroline	62
Magnetic properties of mixed ligand nickel(II) complex containing 1-phenyl-4,4,4-trifluoro-1,3-butanedione and 2,2'-dipyridylamine	63
Magnetic properties of nickel(II) chelate with 2-hydroxyl-methylaceto-phenone oxime	64
Magnetic properties of nickel(II) chelate with 2-hydroxylbenzophenone oxime	65
Magnetic properties of mixed ligand nickel complex with Schiff-base and 2,2'-bipyridine . . .	66
Magnetic properties of mixed ligand nickel complex with Schiff-base and pyridine	67
Magnetic properties of mixed ligand nickel complex with Schiff-base and 1,10-phenanthroline	68
Magnetic properties of mixed ligand nickel complex with Schiff-base and pyridine	69
Magnetic properties of mixed ligand nickel complex with Schiff-base and pyridine	70
Magnetic properties of mixed ligand nickel complex with Schiff-base and 1,10-phenanthroline	71
Magnetic properties of mixed ligand nickel complex with Schiff-base and pyridine	72
Magnetic properties of mixed ligand nickel complex with Schiff-base and 2,2'-bipyridine	73
Magnetic properties of mixed ligand nickel complex with Schiff-base and 1,10'-phenanthroline	74
Magnetic properties of nickel(II) complex with 3,5-dimethylpyrazolate	75
Magnetic properties of nickel(II) complex with 4-bromo-3,5-dimethylpyrazolate	77
Magnetic properties of nickel(II) complex with 3,4,5-trimethylpyrazolate	79
Magnetic properties of nickel(II) complex with 4-chloro-3,5-dimethylpyrazolate	81
Magnetic properties of nickel(II) complex with bis(2-benzothiazolyl)-methanate	83
Magnetic properties of nickel(II) complex with bis(2-benzothiazolyl)-methanate	84
Magnetic properties of nickel(II) chelate with di(6-chloro-2-methyl-phenyl)-carbazonate	85
Magnetic properties of phosphinic amidato bischelates of nickel(II)	86
Magnetic properties of phosphinic amidato bischelates of nickel(II)	87
Magnetic properties of phosphinic amidato bischelates of nickel(II)	88
Magnetic properties of phosphinic amidato bischelates of nickel(II)	89
Magnetic properties of nickel(II) complex with chiral tripodal N,O,S-ligand	90
Magnetic properties of nickel(II) complex with chiral tripodal N,O,S-ligand	91
Magnetic properties of nickel(II) complex with chiral tripodal N,O,S-ligand	92
Magnetic properties of nickel(II) complex with diethyl 2-quinolylmethyl-phosphorate ligand	93
Magnetic properties of nickel(II) complex with 5,6-dihydro-1,4-dithiin-2,3-diselenolate	94
Magnetic properties of nickel(II) complex with 5,6-dihydro-1,4-dithiin-2,3-diselenolate	95
Magnetic properties of nickel(II) complex with 5,6-dihydro-1,4-dithiin-2,3-diselenolate	97

Magnetic properties of phosphanyl-amino complex of nickel(II)	98
Magnetic properties of phosphanyl-amino complex of nickel(II)	99
Magnetic properties of phosphanyl-amino complex of nickel(II)	100
Magnetic properties of singly <i>anti-anti</i> carboxylate-bridged zig-zag chain complex of Ni(II) containing Schiff-base and hexafluoroacetylacetonate ligands	101
Magnetic properties of decamethylferrocenium salt of bis(ethylenedithiolato)nickel(II)	103
Magnetic properties of decamethylchromocenium salt of bis(ethylenedithiolato)nickel(II)	105
Magnetic properties of nickel(II) complex with a Schiff-base derived from 4-amino-4-sulfanyl-1,2,4-triazole and glyoxal	107
Magnetic properties of nickel(II) complex with a Schiff-base derived from 3-methyl-4-amino-5-sulfanyl-1,2,4-triazole and glyoxal	108
Magnetic properties of nickel(II) complex with a Schiff-base derived from 3-ethyl-4-amino-5-sulfanyl-1,2,4-triazole and glyoxal	109
Magnetic properties of nickel(II) complex with a Schiff-base derived from 3-<i>n</i>-propyl-4-amino-5-sulfanyl-1,2,4-triazole and glyoxal	110
Magnetic properties of nickel(II) complex with a Schiff-base derived from 4-amino-5-sulfanyl-1,2,4-triazole and methylglyoxal	111
Magnetic properties of nickel(II) complex with a Schiff-base derived from 3-methyl-4-amino-5-sulfanyl-1,2,4-triazole and methylglyoxal	112
Magnetic properties of nickel(II) complex with a Schiff-base derived from 3-ethyl-4-amino-5-sulfanyl-1,2,4-triazole and methylglyoxal	113
Magnetic properties of nickel(II) complex with a Schiff-base derived from 3-<i>n</i>-propyl-4-amino-5-sulfanyl-1,2,4-triazole and methylglyoxal	114
Magnetic properties of nickel(II) complex with a Schiff-base derived from 4-amino-5-sulfanyl-1,2,4-triazole and benzil	115
Magnetic properties of nickel(II) complex with a Schiff-base derived from 3-methyl-4-amino-5-sulfanyl-1,2,4-triazole and benzil	116
Magnetic properties of nickel(II) complex with a Schiff-base derived from 3-ethyl-4-amino-5-sulfanyl-1,2,4-triazole and benzil	117
Magnetic properties of nickel(II) complex with a Schiff-base derived from 3-<i>n</i>-propyl-4-amino-5-sulfanyl-1,2,4-triazole and benzil	118
Magnetic properties of nickel(II) complex with 19-membered pentaaza-macrocyclic ligand bearing tetramide groups	119
Magnetic properties of nickel(II) complex with 19-membered pentaaza-macrocyclic ligand bearing tetramide groups	120
Magnetic properties of nickel(II) complex with 2-(2-methoxyphenylazo)-4-methylphenolate	121
Magnetic properties of nickel(II) complex with 2-(2-methylthiophenylazo)-4-methylphenolate	122
Magnetic properties of nickel(II) complex with 2-(2-methoxyphenylazo)-4-chlorophenolate	123

Magnetic properties of nickel(II) complex with 2-(2-methylthiophenylazo)-4-chlorophenolate	124
Magnetic properties of nickel(II) complex with 2-(2-methoxyphenylazo)-naphtholate	125
Magnetic properties of nickel(II) complex with 2-(2-methylthiophenylazo)-naphtholate	126
Magnetic properties of nickel(II) complex with 1,2-bis[<i>o</i>-(2-hydroxy-5-methylphenylazo)phenoxy]ethane	127
Magnetic properties of nickel(II) complex with 1,2-bis[<i>o</i>-(2-hydroxy-5-methylphenylazo)phenylthio]ethane	128
Magnetic properties of nickel(II) complex with 1,2-bis[<i>o</i>-(2-hydroxy-5-methylphenylazo)phenoxy]propane	129
Magnetic properties of nickel(II) complex with 1,2-bis[<i>o</i>-(2-hydroxy-5-methylphenylazo)phenylthio]propane	130
Magnetic properties of nickel(II) complex with 1,2-bis[<i>o</i>-(2-hydroxy-5-chlorophenylazo)phenoxy]ethane	131
Magnetic properties of nickel(II) complex with 1,2-bis[<i>o</i>-(2-hydroxy-5-chlorophenylazo)phenylthio]ethane	132
Magnetic properties of nickel(II) complex with 1,2-bis[<i>o</i>-(2-hydroxy-5-chlorophenylazo)phenoxy]propane	133
Magnetic properties of nickel(II) complex with 1,2-bis[<i>o</i>-(2-hydroxy-5-chlorophenylazo)phenylthio]propane	134
Magnetic properties of nickel(II) complex with hexadentate imidazole functionalised triazamacrocycle having tetraphenylborate counteranion	135
Magnetic properties of nickel(II) complex with hexadentate imidazole functionalised triazamacrocycle having perchlorate counteranion	136
Magnetic properties of nickel(II) complex with hexadentate pyrazole functionalised triazamacrocycle having tetraphenylborate counteranion	137
Magnetic properties of nickel(II) complex with hexadentate pyrazole functionalised triazamacrocycle having perchlorate counteranion	138
Magnetic properties of mixed ligand nickel(II) complex with hexadentate pyrazole functionalised triazamacrocycle and acetonitrile	139
Magnetic properties of nickel(II) complex with tripodal ligands	140
Magnetic properties of nickel(II) complex with tripodal ligands	141
Magnetic properties of nickel(II) complex with pyridylmethylphosphonate ligand having nitrate counter ion	142
Magnetic properties of nickel(II) complex with pyridylmethylphosphonate ligand having perchlorate counterion	144
Magnetic properties of arylazothiouracil complex of nickel(II)	146
Magnetic properties of nickel(II) complex with 12-membered Schiff base macrocycle ligand containing pendant group	147
Magnetic properties of nickel(II) complex with 12-membered Schiff-base macrocycle ligand containing pendant group	148

Magnetic properties of nickel(II) complex with 12-membered Schiff-base macrocycle ligand containing pendant group	149
Magnetic properties of nickel(II) complex with ethylenediamine and chlorosulphate ligands	150
Magnetic properties of nickel(II) complex with N-methyl-ethylenediamine and chlorosulphate ligands	151
Magnetic properties of nickel(II) complex with N-ethyl-ethylenediamine and chlorosulphate ligands	152
Magnetic properties of nickel(II) complex with N, N'-dimethylethylenediamine and chlorosulphate ligands	153
Magnetic properties of nickel(II) complex with N, N'-diethylethylenediamine and chlorosulphate ligands	154
Magnetic properties of tetrathiomolybdate of nickel(II)	155
Magnetic properties of tetrathiomolybdate of nickel(II)	156
Magnetic properties of tetrathiomolybdate of nickel(II)	157
Magnetic properties of mixed ligand complex of nickel(II) with isopropylxanthate and 2,2'-bipyridine	158
Magnetic properties of mixed ligand complex of nickel(II) with isopropylxanthate and phenanthroline	159
Magnetic properties of mixed ligand complex of nickel(II) with isopropylxanthate and 5-nitro-1,10-phenanthroline	160
Magnetic properties of mixed ligand complex of nickel(II) with isopropylxanthate and ethylenediamine	161
Magnetic properties of mixed ligand complex of nickel(II) with isopropylxanthate and β-picoline	162
Magnetic properties of mixed ligand complex of nickel(II) with isopropylxanthate and benzothiazole	163
Magnetic properties of nickel(II) complex with malonyldihydrazide based macrocyclic ligand	164
Magnetic properties of nickel(II) complex with succinyldihydrazide based macrocyclic ligand	165
Magnetic properties of nickel(II) complex with diphenyl diketone monothiosemicarbazone	166
Magnetic properties of adduct of dichlorosuphato-bis(1,3-propylenediamine)nickel(II) with dimethylin substrate	167
Magnetic properties of adduct of dichlorosuphato-bis(1,3-propylenediamine)nickel(II) with dibutyltin substrate	168
Magnetic properties of nickel(II) acetate complex with tetradentate redox-active Schiff-base	169
Magnetic properties of nickel(II) acetate complex with tetradentate redox-active Schiff-base	170

Magnetic properties of nickel(II) chloride complex with tetradentate redox-active Schiff-base	171
Magnetic properties of nickel(II) thiocyanate complex with tetradentate redox-active Schiff-base	172
Magnetic properties of nickel(II) nitrate complex with tetradentate redox-active Schiff-base	173
Magnetic properties of nickel(II) complex with 1-phenyl-4,6-dimethylpyrimidine-2-thione . . .	174
Magnetic properties of nickel(II) complex with 1-phenyl-4,6-dimethylpyrimidine-2-thione . . .	175
Magnetic properties of nickel(II) complex with 1-phenyl-4,6-dimethyl-pyrimidine-2-thione	176
Magnetic properties of nickel(II) complex with 1-phenyl-4,6-dimethyl-pyrimidine-2-thione	177
Magnetic properties of nickel(II) complex with 1-phenyl-4,6-dimethyl-pyrimidine-2-thione	178
Magnetic properties of nickel(II) complex with 1-phenyl-4,6-dimethyl-pyrimidine-2-thione	179
Magnetic properties of nickel(II) complex with 1-phenyl-4,6-dimethyl-pyrimidine-2-thione	180
Magnetic properties of nickel(II) complex with 1-phenyl-4,6-dimethyl-pyrimidine-2-thione	181
Magnetic properties of nickel(II) complex with 1-phenyl-4,6-dimethyl-pyrimidine-2-thione	182
Magnetic properties of nickel(II) complex with 1-phenyl-4,6-dimethyl-pyrimidine-2-thione	183
Magnetic properties of nickel(II) complex with 1-phenyl-4,6-dimethyl-pyrimidine-2-thione	184
Magnetic properties of nickel(II) complex with a 17-membered macrocyclic containing an N ₅ donor set	185
Magnetic properties of nickel(II) complex with pyridin-2-carbaldehyde pyridin-2'-ylhydrazone	187
Magnetic properties of nickel(II) complex with 6-methylpyridin-2-carbaldehyde-6'-methyl-pyridin-2'-ylhydrazone	188
Magnetic properties of nickel(II) complex with 5,5-dimethylcyclohexane-1, 2,3-trione-2-(<i>p</i> -nitrophenylhydrazone)	189
Magnetic properties of nickel(II) complex with 5,5-dimethylcyclohexane-1, 2,3-trione-2-(<i>p</i> -chlorophenylhydrazone)	190
Magnetic properties of nickel(II) complex with 2-hydroxy- α -4-cinnamoyl acetophenone	191
Magnetic properties of nickel(II) complex with 2-hydroxy- α -4-chloro-cinnamoyl acetophenone	192
Magnetic properties of nickel(II) complex with 2-hydroxy- α -4-methyl-cinnamoyl acetophenone	193

Magnetic properties of nickel(II) complex with 2-hydroxy-α-4-methoxy-cinnamoyl acetophenone	194
Magnetic properties of aquated adduct of nickel(II) complex with 2-hydroxy-α-4-cinnamoyl acetophenone	195
Magnetic properties of aquated adduct of nickel(II) complex with 2-hydroxy-α-4-chloro-cinnamoyl acetophenone	196
Magnetic properties of aquated adduct of nickel(II) complex with 2-hydroxy-α-4-methyl-cinnamoyl acetophenone	197
Magnetic properties of aquated adduct of nickel(II) complex with 2-hydroxy-α-4-methoxy-cinnamoyl acetophenone	198
Magnetic properties of pyridine adduct of nickel(II) complex with 2-hydroxy-α-4-cinnamoyl acetophenone	199
Magnetic properties of pyridine adduct of nickel(II) complex with 2-hydroxy-α-4-chloro-cinnamoyl acetophenone	200
Magnetic properties of pyridine adduct of nickel(II) complex with 2-hydroxy-α-4-methyl-cinnamoyl acetophenone	201
Magnetic properties of pyridine adduct of nickel(II) complex with 2-hydroxy-α-4-methoxy-cinnamoyl acetophenone	202
Magnetic properties of mononuclear nickel(II) chloro 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	203
Magnetic properties of mononuclear nickel(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	204
Magnetic properties of mononuclear nickel(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	205
Magnetic properties of binuclear nickel(II) tetrabromo-terephthalate complex	207
Magnetic properties of binuclear nickel(II) tetraiodo-terephthalate complex	209
Magnetic properties of phenanthroline adduct of bis[<i>S</i>-benzyl-β-<i>N</i>(<i>p</i>-nitrophenyl)-methylenedithiocarbazide]nickel(II)	211
Magnetic properties of nickel(II) complex with 1,5-di(4-chloro-2-methyl-phenyl)carbazone	212
Magnetic properties of nickel(II) complex with 1,5-di(2,4-dichloro-phenyl)carbazone	213
Magnetic properties of triphenylmethylphosphonium salt of nickel(II)	214
Magnetic properties of nickel(II) complex with cyclohexylacetohydroxamic acid	215
Magnetic properties of tetraamide macrocyclic complex of nickel(II)	216
Magnetic properties of tetramide macrocyclic complex of nickel(II)	217
Magnetic properties of nickel(II) complex with hydrogen N-picolinamido-N'-benzoylthiocarbamide	218

Magnetic properties of nickel(II) complex with hydrogen N-picolinamido-N'-benzoylthiocarbamide	219
Magnetic properties of nickel(II) complex with 1-methylisatin-N(4)-methylthiosemicarbazone	220
Magnetic properties of nickel(II) chloro complex with 1-methylisatin-N(4)-methylthiosemicarbazone	221
Magnetic properties of nickel(II) complex with 1-methylisatin-N(4)-dimethylthiosemicarbazone	222
Magnetic properties of nickel(II) mononuclear chelate derived from potassium benzenesulfonyldithiocarbazate	223
Magnetic properties of nickel(II) chloro complex with 4-formylantipyrine-N(4)-antipyrinylthiosemicarbazone	224
Magnetic properties of nickel(II) bromo complex with 4-formylanti-pyrine-N(4)-antipyrinylthiosemicarbazone	225
Magnetic properties of nickel(II) complex with 4-formylantipyrine-N(4)-antipyrinylthiosemicarbazone	226
Magnetic properties of nickel(II) complex with 4-formylantipyrine-N(4)-antipyrinylthiosemicarbazone as tetrafluoroborate salt	227
Magnetic properties of nickel(II) complex with furfurylidene-nicotin-amide Schiff-base	228
Magnetic properties of nickel(II) acetate complex with fluorenone anthranilic acid	229
Magnetic properties of nickel(II) chloro complex with benzoin phenyl-hydrazone	230
Magnetic properties of nickel(II) nitrate complex with benzoin phenyl-hydrazone	231
Magnetic properties of nickel(II) thiocyanato complex with benzoin phenylhydrazine	232
Magnetic properties of nickel(II) complex with benzoin phenylhydrazine	233
Magnetic properties of nickel(II) chloro complex with benzoin thiosemicarbazone	234
Magnetic properties of nickel(II) complex with benzoin thiosemicarbazone	235
Magnetic properties of nickel(II) complex with benzaldehyde morpholine-N-thiohydrazone	236
Magnetic properties of nickel(II) complex with cinnamaldehyde morpholine-N-thiohydrazone	237
Magnetic properties of nickel(II) complex with cyclohexanone-morpholine-N-thiohydrazone	238
Magnetic properties of nickel(II) mixed ligand complex with 2,2'-bipyridylamine and thioglycolic acid	239
Magnetic properties of nickel(II) mixed ligand complex with 2,2'-bipyridylamine and thiolactic acid	240
Magnetic properties of nickel(II) mixed ligand complex with 2,2'-bipyridylamine and thiomallic acid	241
Magnetic properties of nickel(II) complex with bis-heterocyclic ligand	242

Magnetic properties of nickel(II) complex with 2-furfurylidene- <i>p</i> -nitroaniline	243
Magnetic properties of coordination polymer of nickel(II) with poly-Schiff-base	244
Magnetic properties of nickel(II) complex with 7-(α -phenyl- α - <i>m</i> -nitroanilinomethyl)-8-quinolinol	245
Magnetic properties of nickel(II) complex with 7-(α -phenyl- α - <i>p</i> -nitroanilinomethyl)-8-quinolinol	246
Magnetic properties of polynuclear complex of calcium 8-hydroxyquinolate with nickel(II) salicylaldehyde as ligand	247
Magnetic properties of nickel(II) complex with 2-(2-thiazolylazo)-1,3-acetylacetone	248
Magnetic properties of nickel(II) complex with 2-(2-thiazolylazo)-1,3-trifluoroacetylacetone	249
Magnetic properties of nickel(II) complex with 2-(2-thiazolylazo)-1,3-benzoylacetone	250
Magnetic properties of nickel(II) complex with 2-(2-thiazolylazo)-1,3-thenoyltrifluoroacetylacetone	251
Magnetic properties of nickel(II) complex with 2-(2-thiazolylazo)-1,3-methylacetoacetate	252
Magnetic properties of nickel(II) complex with thiadiazole	253
Magnetic properties of nickel(II) chloro complex with 2-acetylpyridine-2-aminobenzophenone-2-furoylhydrazone	254
Magnetic properties of nickel(II) complex with 2-acetylpyridine-2-aminobenzophenone-2-furoylhydrazone	255
Magnetic properties of nickel(II) complex with 7-(α -phenyl- α - <i>o</i> -chloroanilinomethyl)-8-quinolinol	256
Magnetic properties of nickel(II) complex with 7-(α -phenyl- α - <i>m</i> -chloroanilinomethyl)-8-quinolinol	257
Magnetic properties of nickel(II) polychelate with Schiff-base (4,4'-dihydroxy-3,3'-diacetylbi-phenyl-2,3-butanedione dihydrazone)	258
Magnetic properties of 1-vinylimidazole adduct of bis-[di(<i>p</i> -chlorophenyl) dithiophosphinato]nickel(II)	259
Magnetic properties of 2-methyl-1-vinylimidazole adduct of bis[di(<i>p</i> -chlorophenyl) dithiophosphinato]nickel(II)	260
Magnetic properties of 4(5)-methylimidazole adduct of bis-[di(<i>p</i> -chlorophenyl) dithiophosphinato]nickel(II)	261
Magnetic properties of N-methylimidazole adduct of bis[di(<i>p</i> -chlorophenyl) dithiophosphinato]nickel(II)	262
Magnetic properties of 2-phenylimidazole adduct of bis[di(<i>p</i> -chlorophenyl) dithiophosphinato]nickel(II)	263
Magnetic properties of 1-vinylimidazole bis adduct of bis[di(<i>p</i> -chlorophenyl) dithiophosphinato]nickel(II)	264
Magnetic properties of 2-methyl-1-vinylimidazole bis adduct of bis[di(<i>p</i> -chlorophenyl) dithiophosphinato]nickel(II)	265

Magnetic properties of 4(5)-methylimidazole bis adduct of bis[di(<i>p</i>-chlorophenyl) dithiophosphinato]nickel(II)	266
Magnetic properties of N-methylimidazole bis adduct of bis[di(<i>p</i>-chlorophenyl) dithiophosphinato]nickel(II)	267
Magnetic properties of 2-phenylimidazole bis adduct of bis[di(<i>p</i>-chlorophenyl) dithiophosphinato]nickel(II)	268
Magnetic properties of nickel(II) chloro complex with 2,6-diacetylpyridine-bis (benzalhydrazone)	269
Magnetic properties of nickel(II) bromo complex with 2,6-diacetylpyridine-bis (benzalhydrazone)	270
Magnetic properties of nickel(II) nitrate complex with 2,6-diacetylpyridine-bis (benzalhydrazone)	271
Magnetic properties of nickel(II) thiocyanato complex with 2,6-diacetylpyridine-bis (benzalhydrazone)	272
Magnetic properties of nickel(II) complex with Schiff base derived from thiophene-2-aldehyde and 4-chloroaniline	273
Magnetic properties of nickel(II) complex with heterocyclic benzoylhydrazone	274
Magnetic properties of nickel(II) complex with heterocyclic benzoylhydrazone	275
Magnetic properties of nickel(II) complex with Morin	276
Magnetic properties of nickel(II) complex with cyanoimidodithiocarbonic acid	277
Magnetic properties of nickel(II) complex with cyanoimidodithiocarbonic acid	278
Magnetic properties of nickel(II) complex with isoperthiocyanic acid	279
Magnetic properties of nickel(II) chelate with Schiff-base	280
Magnetic properties of nickel(II) chelate with Schiff-base	281
Magnetic properties of nickel(II) complex with acetyl salicylhydrazone	282
Magnetic properties of nickel(II) complex with 2-(benzothiazolyl-2'-aminoimino)-1,2-diphenylethanone	283
Magnetic properties of nickel(II) complex with isovanillin isonicotinoyl-hydrazone	284
Magnetic properties of nickel(II) mixed ligand complex with aceto-acetanilide and 5-pyrazolone	285
Magnetic properties of nickel(II) mixed ligand complex with aceto-acetanilide and 5-pyrazolone	286
Magnetic properties of nickel(II) mixed ligand complex with aceto-acetanilide and 5-pyrazolone	287
Magnetic properties of nickel(II) mixed ligand complex with <i>o</i>-aceto-acetanilide and 5-pyrazolone	288
Magnetic properties of nickel(II) mixed ligand complex with <i>o</i>-aceto-acetanilide and 5-pyrazolone	289

Magnetic properties of nickel(II) mixed ligand complex with <i>o</i>-aceto-acetotoluidide and 5-pyrazolone	290
Magnetic properties of nickel(II) complex with 2-hydroxyacetophenone- oxime-thiourea-trioxane resin	291
Magnetic properties of nickel(II) complex with Schiff-base derived from 8-acetyl-7-hydroxy-4-methylcoumarin-4-chloroaniline	292
Magnetic properties of nickel(II) complex with morpholine-N-thio-hydrazone of cyclohexanone	293
Magnetic properties of nickel(II) complex with morpholine-N-thio-hydrazone of benzaldehyde	294
Magnetic properties of nickel(II) complex with morpholine-N-thio-hydrazone of cinnamaldehyde	295
Magnetic properties of nickel(II) acetate complex with Schiff-base derived from thiophene-2-aldehyde and <i>o</i>-phenylenediamine	296
Magnetic properties of nickel(II) nitrate complex with Schiff-base derived from thiophene-2-aldehyde and <i>o</i>-phenylenediamine	297
Magnetic properties of nickel(II) acetate complex with Schiff-base derived from thiophene-2-aldehyde and <i>m</i>-phenylenediamine	298
Magnetic properties of nickel(II) nitrate complex with Schiff-base derived from thiophene-2-aldehyde and <i>m</i>-phenylenediamine	299
Magnetic properties of nickel(II) complex with Schiff-base derived from 2-thiophenecarboxaldehyde and 2-monopropanolamine	300
Magnetic properties of nickel(II) chloro complex with Schiff-base derived from 2-thiophenecarboxaldehyde and 2-monopropanolamine	301
Magnetic properties of nickel(II) complex with salicylidene-2-amino-pyridine	302
Magnetic properties of nickel(II) aqua complex with salicylaldehyde-4,4-dimethyl-3-thiosemicarbazone	303
Magnetic properties of 5-formylpyrazole-based thiolato Schiff-base nickel(II) complex	304
Magnetic properties of 5-formylpyrazole-based thiolato Schiff-base nickel(II) complex	306
Magnetic properties of 5-formylpyrazole-based thiolato Schiff-base nickel(II) complex	308
Magnetic properties of 5-formylpyrazole-based thiolato Schiff-base nickel(II) complex	309
Magnetic properties of nickel(II) chloride complex (hydrated) with methylamine	310
Magnetic properties of nickel(II) chloro complex with methylamine	311
Magnetic properties of nickel(II) chloro complex (hydrated) with 2,2'-bipyridine	312
Magnetic properties of nickel(II) chloro complex with 2,2'-bipyridine	313
Magnetic properties of nickel(II) chloro complex (hydrated) with 1,10-phenanthroline	314
Magnetic properties of nickel(II) bromide complex with methylamine	315

Magnetic properties of nickel(II) bromide complex (hydrated) with 2,2'-bipyridine	316
Magnetic properties of nickel(II) bromide complex with 1,10-phenanthroline	317
Magnetic properties of nickel(II) thiocyanato complex with diethanolamine	318
Magnetic properties of mixed ligand complex of nickel(II) with hydrazine and glycine	319
Magnetic properties of mixed ligand complex of nickel(II) with hydrazine and glycolic acid	320
Magnetic properties of nickel(II) chloride complex with 2-aminoethanol	321
Magnetic properties of nickel(II) chloro complex with 2-aminoethanol	322
Magnetic properties of nickel(II) bromide complex with 2-aminoethanol	323
Magnetic properties of nickel(II) bromo complex with 2-aminoethanol	324
Magnetic properties of nickel(II) iodide complex with 2-aminoethanol	325
Magnetic properties of nickel(II) nitrate complex with 2-aminoethanol	326
Magnetic properties of nickel(II) sulphate complex with 2-aminoethanol	327
Magnetic properties of nickel(II) selenate complex with 2-aminoethanol	328
Magnetic properties of nickel(II) thiocyanato complex with 2-aminoethanol	329
Magnetic properties of mixed ligand complex of nickel(II) with <i>o</i> -hydroxybenzoic acid and hydrazine	330
Magnetic properties of mixed ligand complex of nickel(II) with <i>p</i> -hydroxybenzoic acid	331
Magnetic properties of nickel(II) with <i>o</i> -hydroxybenzoic acid as hydrazinium salt	332
Magnetic properties of tris complex of nickel(II) chloride with N-propylethane-1,2-diamine	333
Magnetic properties of bis nickel(II) chloro complex with N-propylethane-1,2-diamine	334
Magnetic properties of nickel(II) chloro complex with N-propylethane-1,2-diamine	335
Magnetic properties of tris complex of nickel(II) bromide with N-propylethane-1,2-diamine	336
Magnetic properties of bis nickel(II) bromo complex with N-propylethane-1,2-diamine	337
Magnetic properties of tris complex of nickel(II) perchlorate with N-propylethane-1,2-diamine	338
Magnetic properties of bis nickel(II) aqua complex with N-propylethane-1,2-diamine	339
Magnetic properties of bis nickel(II) sulphato complex with N-propylethane-1,2-diamine	340
Magnetic properties of bis nickel(II) selenato complex with N-propylethane-1,2-diamine	341
Magnetic properties of bis nickel(II) chloro complex with N-isopropylethane-1,2-diamine	342
Magnetic properties of bis nickel(II) bromo complex with N-isopropylethane-1,2-diamine	343
Magnetic properties of bis nickel(II) thiocyanato complex with N-isopropylethane-1,2-diamine	344
Magnetic properties of bis nickel(II) aqua complex with N-isopropylethane-1,2-diamine	345

Magnetic properties of bis nickel(II) sulphato complex with N-isopropylethane-1,2-diamine (hydrated)	346
Magnetic properties of bis nickel(II) sulphato complex with N-isopropylethane-1,2-diamine	347
Magnetic properties of nickel(II) sulphato complex with N-isopropylethane-1,2-diamine	348
Magnetic properties of bis nickel(II) selenato complex with N-isopropylethane-1,2-diamine	349
Magnetic properties of dimeric nickel(II) chloride complex with N,N-dimethylformamide . . .	350
Magnetic properties of nickel(II) chromate complex with 2,2'-bipyridine	351
Magnetic properties of mixed ligand complex of nickel(II) with 2,2'-bipyridine and chromate	352
Magnetic properties of nickel(II) complex with citric acid	353
Magnetic properties of nickel(II) chloride bis complex with bis(2-aminoethyl)methylamine	354
Magnetic properties of nickel(II) chloride bis complex with bis(2-aminoethyl)methylamine	355
Magnetic properties of nickel(II) bromide bis complex with bis(2-aminoethyl)methylamine	356
Magnetic properties of nickel(II) bromide complex with bis(2-aminoethyl)methylamine	357
Magnetic properties of nickel(II) sulphate bis complex with bis(2-aminoethyl)methylamine	358
Magnetic properties of nickel(II) sulphate complex with bis(2-aminoethyl)methylamine	359
Magnetic properties of nickel(II) selenite bis complex with bis(2-aminoethyl)methylamine . . .	360
Magnetic properties of nickel(II) selenate complex with bis(2-aminoethyl)methylamine	361
Magnetic properties of nickel(II) thiocyanate bis complex with bis(2-aminoethyl)methylamine	362
Magnetic properties of nickel(II) nitrate complex with bis(2-aminoethyl)methylamine	363
Magnetic properties of nickel(II) trifluoroacetate bis complex with bis(2-aminoethyl) methylamine	364
Magnetic properties of nickel(II) trifluoroacetate complex with bis(2-aminoethyl)methylamine	365
Magnetic properties of an intermediate of nickel(II) acetylsalicylhydro-oxamate thermal decomposition	366
Magnetic properties of nickel(II) chelate of di(6-chloro-2-methyl-phenyl)-carbazone	367
Magnetic properties of nickel(II) complex with bis(2-benzothiazolyl)methanate	368
Magnetic properties of nickel(II) complex with bis(2-benzoxazolyl)methanate	369
Magnetic properties of nickel(II) acetate complex with thymine	370
Magnetic properties of polymer complex of secondary cellular acetate(sca) with nickel(II) . . .	371

Magnetic properties of nickel(II) mixed ligand complex with 4,5-diazo-fluren-9-one and thiocyanate	372
Magnetic properties of nickel(II) mixed ligand complex with 4,5-diazafluren-9-hydrazone and thiocyanate	373
Magnetic properties of nickel(II) mixed ligand complex with 4,5-diaza-fluren-9-hydrazone and chloride	374
Magnetic properties of mixed ligand nickel(II) complex with half unit of vicinal oxime-imine and acetic acid	375
Magnetic properties of mixed ligand nickel(II) complex with half unit of vicinal oxime-imine and monochloroethanoic acid	376
Magnetic properties of mixed ligand nickel(II) complex with half unit of vicinal oxime-imine and dichloroethanoic acid	377
Magnetic properties of mixed ligand nickel(II) complex with half unit of vicinal oxime-imine and trichloroethanoic acid	378
Magnetic properties of mixed ligand nickel(II) complex with half unit of vicinal oxime-imine and picric acid	379
Magnetic properties of mixed ligand nickel(II) complex with <i>o</i>-phenylenediamine and picric acid	380
Magnetic properties of mixed ligand nickel(II) complex with half unit of vicinal oxime-imine and chloride	381
Magnetic properties of mixed ligand complex of nickel(II) with Schiff-base and acetic acid	382
Magnetic properties of mixed ligand complex of nickel(II) with Schiff-base and chloride	383
Magnetic properties of mixed ligand complex of nickel(II) with Schiff-base and isonitrosoacetylacetone	384
Magnetic properties of nickel(II) complex with 1-(3-hydroxy-2-naphthyl)-5-(phenyl)pent-4-ene-1,3-dione	385
Magnetic properties of nickel(II) complex with 1-(3-hydroxy-2-naphthyl)-5-(<i>p</i>-chlorophenyl)pent-4-ene-1,3-dione	386
Magnetic properties of nickel(II) complex with 1-(3-hydroxy-2-naphthyl)-5-(<i>p</i>-methylphenyl)pent-4-ene-1,3-dione	387
Magnetic properties of nickel(II) complex with 1-(3-hydroxy-2-naphthyl)-5-(<i>p</i>-methoxyphenyl)pent-4-ene-1,3-dione	388
Pyridine adduct of nickel(II) complex with 1-(3-hydroxy- 2-naphthyl)-5-(phenyl)pent-4-ene-1,3-dione	389
Pyridine adduct of nickel(II) complex with 1-(3-hydroxy- 2-naphthyl)-5-(<i>p</i>-chlorophenyl)pent-4-ene-1,3-dione	390
Pyridine adduct of nickel(II) complex with 1-(3-hydroxy- 2-naphthyl)-5-(<i>p</i>-methylphenyl)pent-4-ene-1,3-dione	391
Pyridine adduct of nickel(II) complex with 1-(3-hydroxy- 2-naphthyl)-5-(<i>p</i>-methoxyphenyl)pent-4-ene-1,3-dione	392

Magnetic properties of nickel(II) chloro complex with 2-(benzylthio)ethylamine	393
Magnetic properties of nickel(II) nitrate complex with 2-(benzylthio)ethylamine	394
Magnetic properties of nickel(II) thiocyanato complex with 2-(benzylthio)ethylamine	395
Magnetic properties of nickel(II) iodo complex with 2-(benzylthio)ethylamine	396
Magnetic properties of nickel(II) nitro complex with 2-(benzylthio)ethylamine	397
Magnetic properties of nickel(II) complex with 1,3-thiazolidine-2-thionate	398
Magnetic properties of nickel(II)-imino nitroxide derivative	399
Magnetic properties of nickel(II)-imino nitroxide derivative	400
Magnetic properties of nickel(II)-imino nitroxide derivative	401
Magnetic properties of one-dimensional nickel(II) complex a hydrogen-bond link	402
Magnetic properties of nickel(II) complex with hexadentate ligand	404
Magnetic properties of heterodinuclear Cu^{II}Ni^{II} complex with dione dioxime	405
Magnetic properties of tetrameric nickel(II) polytungstate	407
Magnetic properties of nickel(II) cyctohexasiloxanolate sandwich complex	408
Magnetic properties of (μ-oxalato)-bis(tetramine)dinickel(II) complex	410
Magnetic properties of Ni(II)-Cu(II) chloro complex with [di(4-bromo-2-iminomethyl-6-methylaminomethylphenolate)]	411
Magnetic properties of Ni(II)-Cu(II) complex with [di(4-bromo-2-iminomethyl-6-methylaminomethylphenolate)]	413
Magnetic properties of Cu(II)-Ni(II) perchlorato complex with [di(4-bromo-2-iminomethyl-6-methylaminomethylphenolate)]	415
Magnetic properties of hetrodinuclear nickel(II)-copper(II) mixed ligand complex with half unit of vicinal oxime-imine and acetic acid	417
Magnetic properties of heterodinuclear Cu^{II}Ni^{II} complex with tetraaza-cyclotetradecane and oxamido ligands	418
Magnetic properties of heterodinuclear Cu^{II}Ni^{II} complex with tetraaza-cyclotetradecane and oxamido ligands	420
Magnetic properties of heterodinuclear Cu^{II}Ni^{II} complex with tetraaza-cyclotetradecane and oxamido ligands	422
Magnetic properties of heterodinuclear Cu^{II}Ni^{II} complex with 2,4,4-trimethyl-1,5,9-triazacyclo-dodec-1-ene and oxamido ligands	424
Magnetic properties of heterodinuclear Cu^{II}Ni^{II} complex with 2,4,4-trimethyl-1,5,9-triazacyclo-dodec-1-ene and oxamido ligands	426
Magnetic properties of heterodinuclear Cu^{II}Ni^{II} complex with 2,4,4-trimethyl-1,5,9-triazacyclo-dodec-1-ene and oxamido ligands	428
Magnetic properties of heterodinuclear Cu^{II}Ni^{II} complex with 2,4,4-trimethyl-1,5,9-triazacyclo-dodec-1-ene and oxamido ligands	429
Magnetic properties of binuclear nickel(II) complex of 2,6-diformyl-4-methylphenol dioxime	431

Magnetic properties of dinuclear nickel complex with unsymmetrical dinucleating Schiff-base ligand	433
Magnetic properties of dinuclear nickel(II) complex with unsymmetrical dinucleating Schiff-base ligand	435
Magnetic properties of dinuclear nickel(II) with DL-2-methylbutyric acid	437
Magnetic properties of dinuclear nickel(II) with 2,2-dimethylbutyric acid	438
Magnetic properties of dinuclear nickel(II) with 2-propylpentanoic acid	439
Magnetic properties of chloro-bridged nickel(II) dimer with 2,6-bis(1'3'-diamino-2'-methylprop-2'-yl)pyridine	440
Magnetic properties of nickel(II) complex with substituted naphthaldimine	442
Magnetic properties of nickel(II) complex with substituted naphthaldimine	443
Magnetic properties of nickel(II) complex with Schiff-base cryptand	444
Magnetic properties of nickel(II) complex with Schiff-base cryptand (with perchlorate counter-anion)	445
Magnetic properties of phenoxo-bridged dinickel(II) complex with macrocyclic and methanol ligands	446
Magnetic properties of phenoxo-bridged dinickel(II) complex with macrocyclic and ammine ligands	447
Magnetic properties of phenoxo-bridged dinickel(II) complex with macrocyclic and imidazole ligands	448
Magnetic properties of phenoxo-bridged dinickel(II) complex with macrocyclic and pyridine ligands	449
Magnetic properties of phenoxo-bridged dinickel(II) complex with macrocyclic and pyrazine ligands	450
Magnetic properties of phenoxo-bridged dinickel(II) complex with macrocyclic and pyrazolate ligands	451
Magnetic properties of phenoxo-bridged dinickel(II) complex with macrocyclic, pyrazole and pyrazolate ligands	452
Magnetic properties of carboxylate-bridged dinuclear nickel(II) complex with tetraazadiphenol macrocyclic ligand and glycine	453
Magnetic properties of carboxylate-bridged dinuclear nickel(II) complex with tetraazadiphenol macrocyclic ligand and β-alanine	455
Magnetic properties of carboxylate-bridged nickel(II) complex with tetraazadiphenol macrocyclic ligand and glycyglycine	456
Magnetic properties of nickel(II) complex with 6-(2-hydroxyphenyl)-2,2'-bipyridine	457
Magnetic properties of azido nickel(II) dinuclear complex with N'-(2-pyridin-2-ylethyl)pyridine-2-carbaldimine	458
Magnetic properties of thiocyanato nickel(II) dinuclear complex with N'-(2-pyridin-2-ylethyl)pyridine-2-carbaldimine	460
Magnetic properties of dinuclear nickel(II), Ni₂ complex with octaamino cryptand (as nitrate salt)	462

Magnetic properties of dinuclear nickel(II), Ni₂ azide complex with octaamino cryptand (as triflate salt)	463
Magnetic properties of dinuclear nickel(II), Ni₂ azide complex with octaamino cryptand (as perchlorate salt)	464
Magnetic properties of dinuclear nickel(II) complex with 2,3,5,6-tetra(2-pyridyl)pyrazine . . .	465
Magnetic properties of tetrathiomolybdate of nickel(III)	467
Magnetic properties of binuclear nickel(II) complex with a 30-membered hexaaza-macrocyclic ligand	469
Magnetic properties of carbonato bridged binuclear nickel(II) complex with triethylenetetramine	470
Magnetic properties of carbonato bridged binuclear nickel(II) complex with triethylenetetramine	472
Magnetic properties of carbonato bridged binuclear nickel(II) complex with cyclam	474
Magnetic properties of binuclear nickel(II) chelate derived from potassium benzenesulfonyldithiocarbazate	476
Magnetic properties of dinuclear nickel(II) complex with Schiff-base derived from 4,4'-diaminodiphenylsulphone with salicylaldehyde	477
Magnetic properties of dinuclear nickel(II) complex with Schiff-base derived from 4,4'-diaminodiphenylsulphone with 2-hydroxy-1-naphthaldehyde	478
Magnetic properties of dinuclear nickel(II) complex with chelating azo dye ligand	479
Magnetic properties of dinuclear nickel(II) complex with chelating azo dye ligand	480
Magnetic properties of nickel(II) complex with bis-heterocyclic ligand	481
Magnetic properties of nickel(II) complex with bis-heterocyclic ligand	482
Magnetic properties of nickel(II) complex with Schiff-base ligand derived from 3-formylsalicylic acid and 2-aminothiophenol	483
Magnetic properties of mixed ligand nickel(II) complex with half unit of vicinal-oxime-imine, isonitrosoacetylacetone and acetic acid	484
Magnetic properties of dinuclear mixed ligand nickel(II) complex with half unit of vicinal oxime-imine and acetic acid	485
Magnetic properties of dinuclear nickel(II) mixed ligand complex with Schiff-base and acetic acid	486
Magnetic properties of nickel(II) complex with oxamide-N,N'-diacetic acid	488
Magnetic properties of dimeric nickel(II) macrocyclic-semiquinone complex	489
Magnetic properties of thiocyanato bridged nickel(II), Ni₂ complex	490
Magnetic properties of azido bridged dinuclear nickel(II) complex with substituted (2-pyridylmethyl) ethane-1,2-diamine	492
Magnetic properties of azido bridged dinuclear nickel(II) complex with substituted (2-pyridylmethyl)-1,4,7-triazacyclononane	493

Magnetic properties of dinuclear nickel(II) chloro complex with open tetraaza ligand	494
Magnetic properties of dinuclear nickel(II) bromo complex with open tetraaza ligand	496
Magnetic properties of binuclear nickel(II) complex with tetraamino diphenol macrocyclic ligand(having one formate and two phenoxy bridges)	497
Magnetic properties of binuclear nickel(II) complex with tetraamino diphenol macrocyclic ligand (having one acetate and two phenoxy bridges)	499
Magnetic properties of binuclear nickel(II) complex with tetraamino diphenol macrocyclic ligand(having one propionate and two phenoxy bridges)	501
Magnetic properties of binuclear nickel(II) complex with tetraamino diphenol macrocyclic ligand (having one butyrate and two phenoxy bridges)	503
Magnetic properties of binuclear nickel(II) complex with tetraamino diphenol macrocyclic ligand (having one benzoate and two phenoxy bridges)	505
Magnetic properties of (μ -oxalato)-bis(tetramine)dinickel(II) complex	507
Magnetic properties of (μ -oxalato)-bis(tetramine)-dinickel(II) complex	509
Magnetic properties of dinuclear nickel(II) complex with 1,9-bis(3,5-dimethyl-1-pyrazolyl)-3,6-dithia-5-nonanol	510
Magnetic properties of linear heterotrinnuclear $\text{Fe}^{\text{III}}\text{Ni}^{\text{II}}\text{Ni}^{\text{II}}$ complex with 1,4,7-trimethyl-1,4,7-triazacyclononane and asymmetric dicompartmented imine-oxime ligand	512
Magnetic properties of hetero tetrametallic, $\text{Fe}_2(\text{III})\text{-Ni}_2(\text{II})$ complex with a ketoanil	514
Magnetic properties of hetero trimetallic, $\text{Fe}(\text{III})\text{-Ni}_2(\text{II})$ complex with a ketoanil	515
Magnetic properties of trinuclear nickel(II) complex with thiazolo-2,4-pentanedione	516
Magnetic properties of trinuclear nickel(II) complex with azolo-2,4-pentanedione	517
Magnetic properties of trimetallic nickel(II) complex with bis-bidentate azo dye	518
Magnetic properties of trimetallic nickel(II) complex with bis-bidentate azo dye	519
Magnetic properties of trimeric nickel(II) complex with citric acid	520
Magnetic properties of mixed ligand complex of trimetallic nickel(II) with Schiff-base	521
Magnetic properties of trinuclear nickel(II) complex bridged by α -benzyl-dioximato group	523
Magnetic properties of trinuclear nickel(II) complex bridged by α -benzyl-dioximato group	525
Magnetic properties of trinuclear nickel(II) complex bridged by α -benzyldioximato group	527
Magnetic properties of trinuclear nickel(II) complex bridged by α -benzyldioximato group	529
Magnetic properties of trinuclear hydrido cluster of nickel	531
Magnetic properties of tetrameric nickel(II) complex with (2-aminoethyl)pyridine	532
Magnetic properties of tetranuclear azido bridged nickel complex with dibenzoylmethane	534
Magnetic properties of tetranuclear methoxy bridged nickel complex with dibenzoylmethane	536
Magnetic properties of thiocyanato bridged nickel(II) complex	538

Magnetic properties of nickel(II) cyclohexasiloxanolate sandwich complex	540
Magnetic properties of quindecannuclear nickel/sulfur paramagnetic cluster	542
Magnetic properties of polymeric chain nickel(II) complex having two kinds of azido bridges	543
Magnetic properties of polymeric chain nickel(II) complex having two kinds of azido bridges	544
Magnetic properties of nickel(II) complex with cyclam type ligand having uniform $S = 1$ chain structure	545
Part III Pd	547
Magnetic properties of palladium(II) complex with 4-(pyridin-4-yloxy)-2,2,6,6- tetramethyl-1-piperidinoxyl ligand	549
Magnetic properties of intermetallic compound EuPdIn_2 with ordered Re_3B-type structure	551