

Chapter 3 Formation of 3d-moments and spin fluctuations in some rare-earth-cobalt compounds

Duc N.H., Brommer P.E.

Cryogenic Laboratory, Faculty of Physics, National University of Hanoi, 334 Nguyen Trai, Thanh xuan, Hanoi, Viet Nam; Van der Waals-Zeeman Instituut, Universiteit van Amsterdam, Valckenierstraat 65, 1018 XE Amsterdam, Netherlands

Abstract: [No abstract available]

Year: 1999

Source title: Handbook of Magnetic Materials

Volume: 12

Page : 259-394

Cited by: 36

Link: Scopus Link

Correspondence Address: Duc, N.H.; Cryogenic Laboratory, Faculty of Physics, National University of Hanoi, 334 Nguyen Trai, Thanh xuan, Hanoi, Viet Nam

ISSN: 15672719

DOI: 10.1016/S1567-2719(99)12007-9

Language of Original Document: English

Abbreviated Source Title: Handbook of Magnetic Materials

Document Type: Review

Source: Scopus

Authors with affiliations:

1. Duc, N.H., Cryogenic Laboratory, Faculty of Physics, National University of Hanoi, 334 Nguyen Trai, Thanh xuan, Hanoi, Viet Nam, Van der Waals-Zeeman Instituut, Universiteit van Amsterdam, Valckenierstraat 65, 1018 XE Amsterdam, Netherlands
2. Brommer, P.E., Cryogenic Laboratory, Faculty of Physics, National University of Hanoi, 334 Nguyen Trai, Thanh xuan, Hanoi, Viet Nam, Van der Waals-Zeeman Instituut, Universiteit van Amsterdam, Valckenierstraat 65, 1018 XE Amsterdam, Netherlands

References:

1. Acker, F., Fisk, Z., Smith, J.L., Huang, C.Y., (1981) J. Magn. Magn. Mater., 22, p. 250
2. Adachi, K., Matsui, M., Kawai, M., (1979) J. Phys. Soc. Japan, 46, p. 1474
3. Adachi, K., Matsui, M., Omata, M., Mollymoto, J., Motokawa, M., Date, M., (1979) J. Phys. Soc. Japan, 46, p. 1474
4. Aleksandryan, V.V., Levitin, R.Z., Markosyan, A.S., (1984) Sov. Phys. Solid State, 26, p. 1165
5. Aleksandryan, V.V., Belov, K.P., Levitin, R.Z., Markosyan, A.S., Snegirev, V.V., (1984) JETP Lett., 40, p. 815
6. Aleksandryan, V.V., Lagutin, A.S., Levitin, R.Z., Markosyan, A.S., Snegirev, V.V., (1985) Zh. Eksp. Teor. Fiz., 89, p. 271. , Sov. Phys. JETP 62, 153
7. Aleksandryan, V.V., Levitin, R.Z., Markosyan, A.S., Snegirev, V.V., Shchurova, A.D., (1987) JETP, 65, p. 502

8. Aleksandryan, V.V., Baranov, N.V., Kozlov, A.I., Markosyan, A.S., (1988) *Phys. Met. Metallogr.*, 66, p. 50
9. Aoki, M., Yamada, H., (1992) *Physica B*, 177, p. 259
10. Appel, J., (1963) *Philos. Mag.*, 8, p. 1071
11. Armitage, J.G.M., Graham, I.R.G., Riedi, P.C., Abell, J.S., (1990) *J. Phys.: Condens. Matter*, 2, p. 8779
12. Aruga Katori, H., Goto, T., Gaidukova, I.Yu., Levitin, R.Z., Markosyan, A.S., Dubenko, I.S., Sokolov, A.Yu., (1994) *J. Phys.: Condens. Matter*, 6, p. 11119
13. (1994) *Sov. Phys. JETP*, 79, p. 1994
14. Ballou, R., Shimizu, M., Voiron, J., (1990) *J. Magn. Magn. Mater.*, 84, p. 23
15. Ballou, R., Markosyan, A.S., Dubenko, I.S., Levitin, R.Z., (1992) *J. Magn. Magn. Mater.*, 110, p. 209
16. Ballou, R., Gamishidze, Z.M., Lemaire, R., Levitin, R.Z., Markosyan, A.S., Snegirev, V.V., (1993) *Sov. Phys. JETP*, 75, p. 1041
17. Ballou, R., Burzo, E., Pop, V., Pentek, A., (1993) *J. Appl. Phys.*, 73, p. 5693
18. Baranov, N.V., Kozlov, A.I., (1992) *J. Alloys Comp.*, 190, p. 83
19. Baranov, N.V., Bartashevich, M.I., Goto, T., Yermakov, A.A., Karkin, A.E., Pirogov, A.N., Teplykh, A.E., (1997) *J. Alloys Comp.*, 252, p. 32
20. Bartashevich, M.I., Aruga Katori, H., Goto, T., Yamamoto, I., Yamaguchi, M., (1994) *Physica B*, 201, p. 135
21. Bartashevich, M.I., Goto, T., Radwanski, R.J., Korolyov, A.V., (1994) *J. Magn. Magn. Mater.*, 131, p. 61
22. Bartashevich, M.I., Goto, T., Korolyov, A.V., Ermolenko, A.S., (1995) *Technical Report of ISSP, University of Tokyo*, No. 3088
23. Bartashevich, M.I., Aruga Katori, H., Goto, T., Wada, H., Meada, T., Mori, T., Shiga, M., (1997) *Physica B*, 229, p. 315
24. B??al-Monod, M.T., (1982) *Physica B*, 109-110, p. 1837
25. B??al-Monod, M.T., Ma, S.-K., Fredkin, D.R., (1968) *Phys. Rev. Lett.*, 20, p. 929
26. Benham, M.J., Bennington, S.M., Ross, D.K., Norens, N.F., Yamaguchi, M., (1989) *Z. Phys. Chem.*, 163, p. 283
27. Berthier, Y., Gignoux, D., Kuentzler, R., Tari, A., (1986) *J. Magn. Magn. Mater.*, 54-57, p. 479
28. Bloch, D., Lemaire, R., (1970) *Phys. Rev. B*, 2, p. 2648
29. Bloch, D., Edwards, D.M., Shimizu, M., Voiron, J., (1975) *J. Phys. F.: Metal Phys.*, 5, p. 1217
30. Brommer, P.E., (1989) *Physica B*, 154, p. 197
31. Brommer, P.E., (1991) *Physica B*, 173, p. 277
32. Brommer, P.E., (1996) *J. Magn. Magn. Mater.*, 157-158, p. 349
33. Brommer, P.E., (1996) *Physica B*, 225, p. 143
34. Brommer, P.E., Franse, J.J.M., (1990) *Ferromagnetic Materials*, 5, p. 323. , Wohlfarth E.P. (Ed), North-Holland, Oxford
35. Brommer, P.E., Dubenko, I.S., Franse, J.J.M., Levitin, R.Z., Markosyan, A.S., Radwanski, R.J., Snegirev, V.V., Solokov, A.Yu., (1993) *Physica B*, 183, p. 363
36. Brommer, P.E., Dubenko, I.S., Franse, J.J.M., Kayzel, F., Kolmakova, N.P., Levitin, R.Z., Markosyan, A.S., Sokolov, A.Yu., (1994) *Physica A*, 189, p. 253
37. Brommer, P.E., Dubenko, I.S., Franse, J.J.M., Kayzel, F., Kolmakova, N.P., Levitin, R.Z., Markosyan, A.S., Sokolov, A.Yu., (1995) *Physica B*, 211, p. 155
38. Brooks, M.S.S., Johansson, B., (1993) *Ferromagnetic Materials*, 7. , Ch. 3. Buschow K.H.J. (Ed), North-Holland, Amsterdam
39. Burkoy, A.T., Vedernikov, M.V., Gratz, E., (1988) *Solid State Commun.*, 67, p. 1109
40. Burkoy, A.T., Nakama, T., Kohama, T., Shimogi, T., Shintani, K., Shimabukuro, R., Yagasaki, K., Gratz, E., (1998) *J.*

Magn. Magn. Mater., 177-181, p. 1069

41. Burzo, E., Lemaire, R., (1992) Solid State Commun., 84, p. 1145
42. Burzo, E., Gratz, E., Pop, V., (1994) J. Magn. Magn. Mater., 123, p. 159
43. Buschow, K.H.J., (1980) Ferromagnetic Materials, 7, p. 297. , Wohlfarth E.P. (Ed), North-Holland, Amsterdam
44. Campbell, I.A., (1972) J. Phys. F, 2, pp. L47
45. Castets, A., Gignoux, D., Hennion, B., (1980) J. Magn. Magn. Mater., 15-18, p. 375
46. Clark, A., Callen, E., (1968) J. Appl. Phys., 39, p. 5972
47. Colpa, J.H.P., Brabers, J.H.V.J., (1994) Physica B, 203, p. 29
48. Coqblin, B., Iglesias-Sicardi, J.R., Jullien, R., (1978) Contemp. Phys., 19, p. 327
49. Croft, M., Neifield, R., Qi, B., Liang, G., Perez, I., Gunapala, S., Lu, F., de Boer, M., (1987) 5th Int. Conf. on Valence Fluctuations, p. 217. , Malik S.K., and Gupta L.C. (Eds), Plenum Press, Amsterdam
50. Cuong, T.D., Havela, L., Sechovski, V., Andreev, A.V., Arnold, Z., Kamarad, J., Duc, N.H., (1997) J. Alloys Comp., 262-263, p. 141
51. Cuong, T.D., Havela, L., Sechovski, V., Arnold, Z., Kamarad, J., Duc, N.H., (1998) J. Magn. Magn. Mater., 177-181, p. 597
52. Cuong, T.D., Duc, N.H., Brommer, P.E., Arnold, Z., Kamarad, J., Sechovski, V., (1998) J. Magn. Magn. Mater., 182, p. 143
53. Cyrot, M., Lavagna, M., (1979) J. Phys. (Paris), 40, p. 763
54. De Chatel, P.F., de Boer, F.R., (1970) Physica B, 48, p. 331
55. Del Moral, A., Melville, D., (1975) J. Phys. F.: Metal Phys., 5, p. 1767
56. Deportes, J., Gignoux, D., Givord, F., (1974) Phys. Status Solidi (b), 64, p. 29
57. Dubenko, I.S., Levitin, R.Z., Markosyan, A.S., (1992) J. Magn. Magn. Mater., 111, p. 146
58. Dubenko, I.S., Levitin, R.Z., Markosyan, A.S., Silant'ev, V.I., (1992) J. Magn. Magn. Mater., 94, p. 287
59. Dubenko, I.S., Gratz, E., Hauser, R., Levitin, R.Z., Lindbaum, A., Markosyan, A.S., Resel, R., Sokolov, A.Yu., (1993) Elsevier Studies in Applied Electromagnetics in Materials, 4, p. 79. , Naples, Italy, 24-26 May, 1993
60. Dubenko, I.S., Levitin, R.Z., Markosyan, A.S., Yamada, H., (1994) J. Magn. Magn. Mater., 136, p. 98
61. Dubenko, I.S., Levitin, R.Z., Markosyan, A.S., Snegirev, V.V., Sokolov, A.Yu., (1994) J. Magn. Magn. Mater., 135, p. 326
62. Dubenko, I.S., Golosovski, I.V., Gratz, E., Levitin, R.Z., Markosyan, A.S., Mirebeau, I., Sharygin, S.V., (1995) J. Magn. Magn. Mater., 150, p. 304
63. Duc, N.H., (1991) Phys. Status Solidi (b), 164, p. 545
64. Duc, N.H., (1994) J. Magn. Magn. Mater., 131, p. 224
65. Duc, N.H., (1996) J. Magn. Magn. Mater., 152, p. 219
66. Duc, N.H., (1997) Handbook of the Physics and Chemistry of Rare-Earths, 24, p. 338. , Gschneidner Jr. K.A., and Eyring L. (Eds), North-Holland, New York
67. Duc, N.H., Givord, D., (1995) J. Magn. Magn. Mater., 151, pp. L13
68. Duc, N.H., Oanh, T.K., (1997) J. Phys.: Condens. Matter, 9, p. 1585
69. Duc, N.H., Tai, L.T., (1993) Phys. Status Solidi (a), 141, pp. K103
70. Duc, N.H., Hien, T.D., Franse, J.J.M., (1985) Acta Phys. Pol. A, 68, p. 127
71. Duc, N.H., Hien, T.D., Brommer, P.E., Franse, J.J.M., (1988) J. Phys. F, 18, p. 275
72. Duc, N.H., Hien, T.D., Chau, N.H., (1988) Acta Phys. Pol. A, 74, p. 51
73. Duc, N.H., Hien, T.D., Brommer, P.E., Franse, J.J.M., (1988) Physica B, 149, p. 352

74. Duc, N.H., Hien, T.D., Mai, P.P., Ngan, N.H.K., Sinh, N.H., Brommer, P.E., Franse, J.J.M., (1989) *Physica B*, 160, p. 199
75. Duc, N.H., Hien, T.D., Chau, N.H., (1990) *Acta Phys. Pol. A*, 78, p. 119
76. Duc, N.H., Hien, T.D., Mai, P.P., Brommer, P.E., (1991) *Physica B*, 172, p. 339
77. Duc, N.H., Hien, T.D., Brommer, P.E., Franse, J.J.M., (1992) *J. Magn. Magn. Mater.*, 104-107, p. 1252
78. Duc, N.H., Givord, D., Lacroix, C., Pinettes, C., (1992) *Europhys. Lett.*, 20, p. 47
79. Duc, N.H., Tai, L.T., Li, X., de Boer, F.R., Goto, T., (1992) *Proc. Int. Conf. on Physics of Magnetic Materials*, p. 11. , Beijing
80. Duc, N.H., Hien, T.D., Levitin, R.Z., Markosyan, A.S., Brommer, P.E., Franse, J.J.M., (1992) *Physica B*, 176, p. 232
81. Duc, N.H., Sechovski, V., Hung, D.T., Kim Ngan, N.H., (1992) *Physica B*, 179, p. 111
82. Duc, N.H., Brommer, P.E., Franse, J.J.M., (1993) *Physica B*, 191, p. 239
83. Duc, N.H., Hien, T.D., Givord, D., Franse, J.J.M., de Boer, F.R., (1993) *J. Magn. Magn. Mater.*, 124, p. 305
84. Duc, N.H., Voiron, J., Holtmeier, S., Haen, P., Li, X., (1993) *J. Magn. Magn. Mater.*, 125, p. 323
85. Duc, N.H., Hien, T.D., Bartashevich, M.I., Goto, T., (1994) *Proc. Int. Conf. on Physics of Magnetic Materials*, pp. 363-366. , Japan
86. Duc, N.H., Brommer, P.E., Li, X., de Boer, F.R., Franse, J.J.M., (1995) *Physica B*, 212, p. 83
87. Duc, N.H., Brommer, P.E., Kayzel, F.R., Thang, C.V., Franse, J.J.M., (1995) *Proc. Int. Workshop on Materials Science*, p. 137. , Hanoi
88. Doniach, S., (1967) *Proc. Phys. Soc.*, 91, p. 86
89. Edwards, D.M., Wohlfarth, E.P., (1968) *Proc. Roy. Soc. A*, 303, p. 127
90. Endo, K., Iijima, M., Shinogi, A., Goto, T., Sakakibara, T., (1988) *J. Phys. Colloq. (Paris)*, 49, p. 265
91. Ermolenko, A.S., Korolyov, A.V., Rozda, A.F., (1977) *IEEE Trans. Magn.*, 13, p. 1339
92. Ermolenko, A.S., Shcherbakova, Ye.V., (1980) *Phys. Met. Metallogr.*, 48, p. 39
93. Farrell, J., Wallace, W.E., (1966) *Inorg. Chem.*, 5, p. 105
94. Franse, J.J.M., Radwanski, R.J., (1993) *Ferromagnetic Materials*, 7, p. 307. , Buschow K.H.J. (Ed), North-Holland, Amsterdam
95. Franse, J.J.M., Hien, T.D., Ngan, N.H.K., Duc, N.H., (1983) *J. Magn. Magn. Mater.*, 39, p. 275
96. Fournier, J.M., Gratz, E., (1993) *Handbook of Physics and Chemistry of the Rare-Earths*, 17, p. 409. , Gschneidner Jr. K.A. (Ed), North-Holland, Amsterdam
97. Gabelko, I.L., Levitin, R.Z., Markosyan, A.S., Snegirev, V.V., (1987) *Pis'ma Zh. Eksp. Teor. Fiz.*, 45, p. 360. , [JETP Lett. 45, 459]
98. Ganapathy, E.V., Wallace, W.E., Craig, R.S., (1974) *Proc. 11th Rare-Earth Conf.*, p. 430. , Haschke J.M., and Eick H.A. (Eds), USAEC, Amsterdam
99. Gignoux, D., Givord, F., (1979) *J. Phys. F.: Metal Phys.*, 9, p. 1409
100. Gignoux, D., Givord, F., Lemaire, R., (1975) *Phys. Rev. B*, 12, p. 3878
101. Gignoux, D., Givord, F., Koehler, W.C., (1977) *Physica B*, 86-88, p. 165
102. Gignoux, D., Givord, F., Schweizer, (1977) *J. Phys. F.: Metal Phys.*, 7, p. 1823
103. Gignoux, D., Givord, F., Koehler, W.C., Moon, R.M., (1977) *J. Magn. Magn. Mater.*, 5, p. 1972
104. Gignoux, D., Givord, F., Lemaire, R., Tinh, N.V., (1978) *Inst. Phys. Conf. Ser.*, 37, p. 300
105. Givord, F., Lemaire, R., (1971) *Solid State Commun.*, 9, p. 341
106. Givord, F., Shah, J.S., (1972) *C. R. Acad. Sci. (Paris) B*, 274, p. 923
107. Givord, D., Laforest, J., Lemaire, R., (1977) *Physica B*, 86-88, p. 204

108. Givord, D., Laforest, J., Lemaire, R., (1979) *J. Appl. Phys.*, 50, p. 7489
109. Givord, D., Laforest, J., Lemaire, R., Lu, Q., (1983) *J. Magn. Magn. Mater.*, 31-34, p. 1991
110. Golosovsky, I.V., Kvyatkovsky, B.E., Sharygin, S.V., Dubenko, I.S., Levitin, R.Z., Markosyan, A.S., Gratz, E., Bouree, F., (1997) *J. Magn. Magn. Mater.*, 169, p. 123
111. Goot, A.S.v.d., Buschow, K.H.J., (1971) *Phys. Status Solidi (a)*, 5, p. 665
112. Goto, T., Sakakibara, T., (1993) *Int. J. Mod. Phys. B*, 7, p. 788
113. Goto, T., Fukamichi, K., Sakakibara, T., Komatsu, H., (1989) *Solid State Commun.*, 72, p. 945
114. Goto, T., Sakakibara, T., Murata, K., Komatsu, K., Fukamichi, K., (1990) *J. Magn. Magn. Mater.*, 90-91, p. 700
115. Goto, T., Yamaguchi, M., Kobayashi, T., Yamamoto, I., (1991) *Solid State Phys.*, 77, p. 876
116. Goto, T., Aruga Katori, H., Sakakibara, T., Yamaguchi, M., (1992) *Physica B*, 177, p. 225
117. Goto, T., Aruga Katori, H., Sakakibara, T., Mitamura, H., Fukamichi, K., Murata, K., (1994) *J. Appl. Phys.*, 76, p. 6682
118. Goto, T., Kouji, K., Bartashevich, M.I., Aruga Katori, H., Yamaguchi, M., Yamamoto, I., Sugaya, F., (1994) *Physica B*, 193, p. 10
119. Goto, T., Bartashevich, M.I., Aruga Katori, H., Shcherbakova, Ye.V., Ermolenko, A.S., (1995) *Physica B*, 211, p. 131
120. Goto, T., Shindo, Y., Ogawa, S., Harada, T., (1997) *Physica B*, 237-238, p. 172
121. Goto, T., Shindo, Y., Ogawa, S., Harada, T., (1998) *J. Magn. Magn. Mater.*, 177-181, p. 579
122. Gratz, E., (1983) *Solid State Commun.*, 48, p. 825
123. Gratz, E., (1992), unpublished data Gratz, E., Zuckermann, M.J., (1982) *Handbook of Physics and Chemistry of the Rare-Earths*, 5, p. 117. , Gschneidner Jr. K.A. (Ed), North-Holland, Oak Ridge
124. Gratz, E., Sassik, H., Nowotny, H., (1981) *J. Phys. F.: Metal Phys.*, 11, p. 429
125. Gratz, E., Bauer, E., Sechowsky, V., Churst, J., (1986) *J. Magn. Magn. Mater.*, 54-57, p. 517
126. Gratz, E., Pillmayr, N., Bauer, E., Hilschen, G., (1987) *J. Magn. Magn. Mater.*, 70, p. 159
127. Gratz, E., Bauer, E., Hauser, R., Maikis, M., Haen, P., Markosyan, A.S., (1993) *Int. J. Mod. Phys.*, 7, p. 366
128. Gratz, E., Lindbaum, A., Markosyan, A.S., Mueller, H., Sokolov, A.Yu., (1994) *J. Phys.: Condens. Matter*, 6, p. 6699
129. Gratz, E., Resel, R., Burkov, A.T., Bauer, E., Markosyan, A.S., Galatanu, A., (1995) *J. Phys.: Condens. Matter*, 7, p. 6687
130. Gratz, E., Hauser, R., Lindbaum, A., Maikis, M., Resel, R., Schaudy, G., Levitin, R.Z., Zochowski, S.W., (1995) *J. Phys.: Condens. Matter*, 7, p. 597
131. Gratz, E., Hauser, R., Dubenko, I.S., Markosyan, A.S., (1996) *J. Phys.: Condens. Matter*, 8, p. 11093
132. Gschneidner Jr., K.A., Dhar, S.K., (1984) *Magnetic Excitations and Fluctuations*, p. 177. , Lovesey S.W., Balucani U., Borsa F., and Tognetti V. (Eds), Springer-Verlag, Amsterdam
133. Gschneidner Jr., K.A., Ikeda, K., Tsang, T.W.E., McMasters, O.D., Stierman, R.J., Encker, S.S., Lambert, S.E., Buchal, C., (1985) *Physica B&C*, 130, p. 202
134. Hathaway, K., Cullen, J., (1991) *J. Phys.: Condens. Matter*, 3, p. 8911
135. Hauser, R., Bauer, E., Gratz, E., Rotter, M., Hilscher, G., Michor, H., Markosyan, A.S., (1997) *Physica B*, 237-238, p. 577
136. Hauser, R., Bauer, E., Gratz, E., Rotter, M., Mueller, H., Hilscher, G., Michor, H., Markosyan, A.S., (1997) *Physica B*, 239, p. 83
137. Hauser, R., Bauer, E., Gratz, E., (1998) *Phys. Rev. B*, 57, p. 2904
138. Hertel, P., Appel, J., Fay, D., (1980) *Phys. Rev. B*, 22, p. 534
139. Henry, L.L., Wenger, L.E., Khattak, G.D., Tari, A., (1991) *Phys. Rev. B*, 39, p. 5972
140. Hien, T.D., Duc, N.H., Franse, J.J.M., (1986) *J. Magn. Magn. Mater.*, 54-57, p. 471
141. Hilscher, G., Pillmayr, N., Schmitzer, C., Gratz, E., (1988) *Phys. Rev. B*, 37, p. 3480

142. Hiraka, T., Endo, Y., (1996) *J. Phys. Soc. Japan*, 65, p. 3740
143. Ho, S.C., Maartense, I., Williams, G., (1981) *J. Phys. F*, 11, p. 705
144. Ido, H., Asano, H., Kito, G., Hong, N.M., Hilscher, G., Ballou, R., (1995) *J. Magn. Magn. Mater.*, 140-144, p. 955
145. Iijima, M., Endo, K., Kido, G., (1989) *Physica B*, 155, p. 203
146. Ikeda, K., Gschneidner Jr., K.A., (1980) *Phys. Rev. Lett.*, 45, p. 134
147. Ikeda, K., Gschneidner Jr., K.A., Steirman, R.J., Tsang, T.W.E., McMasters, O.D., (1984) *Phys. Rev. B*, 29, p. 5039
148. Ikeda, K., Dhar, S.K., Yoshizawa, M., Gschneidner Jr., K.A., (1991) *J. Magn. Magn. Mater.*, 100, p. 292
149. Ikononou, P.F., Yakinthos, J.K., (1976) *Z. Phys. B*, 24, p. 77
150. Inoue, J., Shimizu, M., (1982) *J. Phys. F.: Metal Phys.*, 12, p. 1811
151. Inoue, J., Shimizu, M., (1985) *J. Phys. F.: Metal Phys.*, 14, p. 2673
152. Inoue, J., Shimizu, M., (1988) *J. Phys. F.: Metal Phys.*, 18, p. 2487
153. Ishiyama, K., Endo, K., Sakakibara, T., Goto, T., Sugiyama, K., Date, M., (1987) *J. Phys. Soc. Japan*, 56, p. 29
154. Jarlborg, T., Freeman, A.J., (1981) *Phys. Rev. B*, 23, p. 3577
155. Kadowaki, K., Woods, S.B., (1986) *Solid State Commun.*, 58, p. 507
156. Klimker, H., Rosen, M., (1976) *J. Magn. Magn. Mater.*, 7, p. 367
157. Kou, K., Bartashevich, M.I., Goto, T., Aruga Katori, H., Yamaguchi, M., (1994) *Physica B*, 201, p. 143
158. Kren, E., Schweizer, J., Tasset, F., (1969) *Phys. Rev. B*, 186, p. 476
159. Kuentzler, R., Tari, A., (1986) *J. Magn. Magn. Mater.*, 61, p. 29
160. Lavagna, M., Lacroix, C., Cyrot, M., (1983) *J. Phys. F*, 13, p. 1007
161. Lee, E.W., Pourarian, F., (1976) *Phys. Status Solidi (a)*, 33, p. 483
162. Lemaire, R., (1966) *Cobalt*, 33, p. 201
163. Levitin, R.Z., Markosyan, A.S., (1988) *Sov. Phys. Usp.*, 31, p. 730
164. Levitin, R.Z., Markosyan, A.S., (1998) *J. Magn. Magn. Mater.*, 179-181, p. 563
165. Levitin, R.Z., Markosyan, A.S., Snegirev, V.V., (1982) *JETP Lett.*, 36, p. 445
166. Levitin, R.Z., Markosyan, A.S., Snegirev, V.V., (1984) *Phys. Met. Metallogr.*, 57, p. 274
167. Levitin, R.Z., Markosyan, A.S., Snegirev, V.V., (1984) *Sov. Phys. Solid State*, 26, p. 16
168. Liu, J.P., de Boer, F.R., de Chatel, P.F., Coehoorn, R., Buschow, K.H.J., (1994) *J. Magn. Magn. Mater.*, 134, p. 159
169. Luong, N.H., Hien, T.D., Franse, J.J.M., (1985) *J. Phys. F.: Metal Phys.*, 15, p. 1751
170. Markosyan, A.S., Hauser, R., Galli, M., Bauer, E., Gratz, E., Hilscher, G., Kamushima, K., Goto, T., (1998) *J. Magn. Magn. Mater.*, 185, p. 235
171. Michels, D., Timlin, J., Mihalisin, T., (1990) *J. Appl. Phys.*, 67, p. 5289
172. Mills, D.L., Lederer, P., (1966) *J. Phys. Chem. Solids*, 27, p. 1805
173. Minakata, R., Shiga, M., Nakamura, Y., (1976) *J. Phys. Soc. Japan*, 41, p. 1435
174. Misawa, S., (1988) *Physica B*, 149, p. 162
175. Misawa, S., (1995) *Physica B*, 211, p. 158
176. Mitamura, H., Sakakibara, T., Goto, T., Yamaguchi, H., (1995) *J. Magn. Magn. Mater.*, 140-144, p. 821
177. Mitamura, H., Sakakibara, T., Kido, G., Goto, T., (1995) *J. Phys. Soc. Japan*, 64, p. 3459
178. Moriya, T., (1979) *J. Magn. Magn. Mater.*, 14, p. 1
179. Moriya, T., *Spin Fluctuations in Itinerant Electron Magnetism* (1985) Springer Series in Solid State Sciences, 56. , Springer, Berlin
180. Moriya, T., (1991) *J. Magn. Magn. Matter.*, 100, p. 261

181. Muraoka, Y., Shiga, M., Nakamura, Y., (1977) J. Phys. Soc. Japan, 42, p. 2067
182. Muraoka, Y., Shiga, M., Nakamura, Y., (1977) Phys. Status Solidi A, 42, p. 369
183. Muraoka, Y., Shiga, M., Nakamura, Y., (1979) J. Phys. F, 9, p. 1889
184. Murata, K., Fukamichi, K., Sakakibara, T., Goto, T., Suzuki, K., (1993) J. Phys.: Condens. Matter, 5, p. 1525
185. Murata, K., Fukamichi, K., Sakakibara, T., Goto, T., Suzuki, K., (1993) J. Phys.: Condens. Matter, 5, p. 2583
186. Murata, K., Fukamichi, K., Goto, T., Aruga Katori, H., Sakakibara, T., Suzuki, K., (1994) Physica B, 201, p. 147
187. Murata, K., Fukamichi, K., Goto, T., Suzuki, K., Sakakibara, T., (1994) J. Phys.: Condens. Matter, 6, p. 6659
188. Nordström, L., Eriksson, O., Brooks, M.S.S., Johansson, B., (1990) Phys. Rev. B, 41, p. 9111
189. Nordström, L., Brooks, M.S.S., Johansson, B., (1992) J. Magn. Magn. Mater., 104-107, p. 1378
190. Ogata, H., Ido, H., Yamaguchi, H., (1993) J. Appl. Phys., 73, p. 5911
191. Ohkawa, F.J., (1989) Solid State Commun., 11, p. 1767
192. Pillmayr, N., Schmitzer, C., Gratz, E., Hilscher, G., Sechowsky, V., (1987) J. Magn. Magn. Mater., 70, p. 162
193. Pillmayr, N., Hilscher, G., Gratz, E., (1988) J. Phys. Colloq. (Paris), C8, p. 49
194. Pillmayr, N., Hilscher, G., Gratz, E., (1988) J. Phys. Colloq. (Paris), C49, p. 273
195. Pillmayr, N., Hilscher, G., Forsthuber, M., Yoshimura, K., (1990) J. Magn. Magn. Mater., 90-91, p. 694
196. Roeland, L.W., Cock, G.J., Muller, F.A., Moleman, C.A., McEwen, K.A., Jordan, R.C., Jones, D.W., (1975) J. Phys. F.: Metal Phys., 5, pp. L233
197. Sakakibara, T., Goto, T., Yoshimura, K., Shiga, M., Nakamura, Y., (1986) Phys. Lett. A, 117, p. 243
198. Sakakibara, T., Goto, T., Yoshimura, K., Shiga, M., Nakamura, Y., Fukamichi, K., (1987) J. Magn. Magn. Mater., 70, p. 126
199. Sakakibara, T., Goto, T., Nishihara, Y., (1988) J. Phys. Colloq. (Paris), C8, p. 263
200. Sakakibara, T., Goto, T., Yoshimura, K., Fukamichi, K., (1989) Tech. Report of ISSP, Ser. A, No. 2208
201. Sakakibara, T., Goto, T., Yoshimura, K., Fukamichi, K., (1990) J. Phys. C, 2, p. 3381
202. Sakakibara, T., Goto, T., Yoshimura, K., Murata, K., Fukamichi, K., (1990) J. Magn. Magn. Mater., 90-91, p. 131
203. Sakakibara, T., Mitamura, H., Kido, G., Goto, T., (1992) Physica B, 177, p. 251
204. Sakakibara, T., Mitamura, H., Goto, T., (1994) Physica B, 201, p. 127
205. Sechovski, V., Havela, L., (1988) Ferromagnetic Materials, 4, p. 309. , Wohlfarth E.P., and Buschow K.H.J. (Eds), North-Holland, Berlin
206. Schinkel, C.J., (1978) J. Phys. F.: Metal Phys., 8, pp. L87
207. Schinkel, C.J., de Boer, F.R., de Hon, B., (1973) J. Phys. F.: Metal Phys., 3, p. 1463
208. Schrieffer, J.R., (1968) J. Appl. Phys., 39, p. 642
209. Schwarz, K., Mohn, P., (1984) J. Phys. F.: Metal Phys., 14, pp. L129
210. Schweiner, J., Tasset, F., (1969) J. Less-Common Met., 18, p. 245
211. Shcherbakova, Y.V., Ermolenko, A.S., (1982) Phys. Met. Metallogr., 54, p. 53
212. Shimizu, M., (1981) Rep. Prog. Phys., 44, p. 329
213. Shimizu, M., (1982) J. Phys. (Paris), 43, p. 155
214. Slater, J.C., Koster, G., (1954) Phys. Rev., 94, p. 1498
215. Steiner, W., Gratz, E., Ortbauer, H., Cammen, H.W., (1978) J. Phys. F.: Metal Phys., 8, p. 1525
216. Swift, W.N., Wallace, W.E., (1968) J. Chem. Phys., 49, p. 154
217. Takahashi, T., Shimizu, M., (1965) J. Phys. Soc. Japan, 20, p. 26
218. Takahashi, T., Shimizu, M., (1966) J. Phys. Soc. Japan, 21, p. 681

219. Takahashi, Y., Tano, M., (1982) J. Phys. Soc. Japan, 51, p. 1792
220. Tari, A., (1982) J. Magn. Magn. Mater., 30, p. 209
221. Tari, A., (1987) J. Magn. Magn. Mater., 69, p. 247
222. Terao, K., Yamada, H., (1997) J. Phys. Soc. Japan, 66, p. 1063
223. Tyablikov, S.V., (1967) Methods in the Quantum Theory of Magnetism, , Plenum Press, Amsterdam
224. Ueda, K., (1976) Solid State Commun., 19, p. 965
225. Voiron, J., (1973) Thesis, , (Grenoble)
226. Voiron, J., Bloch, D., (1971) J. Phys. (Paris), 32, p. 949
227. Vonsovski, S., (1971) Magnetism, , Nauka, New York
228. Wada, H., Yoshimura, K., Kido, G., Shiga, M., Mekata, M., Nakamura, Y., (1988) Solid State Commun., 65, p. 23
229. Wada, H., Shiga, M., Nakamura, Y., (1990) J. Magn. Magn. Mater., 90-91, p. 727
230. Wada, H., Mori, T., Shiga, M., Aruga Katori, H., Bartashevich, M.I., Goto, T., (1994) Physica B, 201, p. 139
231. Wohlfarth, E.P., Rhodes, P., (1962) Philos. Mag., 7, p. 1817
232. Yakinthos, J.K., Rossat-Mignod, J., (1972) Phys. Status Solidi (b), 50, p. 747
233. Yamada, H., (1991) J. Phys.: Condens. Matter, 3, p. 4115
234. Yamada, H., (1993) Phys. Rev. B, 47, p. 11211
235. Yamada, H., Aoki, M., (1993) Recent Advances in Magnetism of Transition Metal Compounds, p. 42. , Kotani A., and Suzuki N. (Eds), World-Scientific, Moscow
236. Yamada, H., Shimizu, M., (1985) J. Phys. F: Metal Phys., 15, pp. L175
237. Yamada, H., Shimizu, M., (1990) J. Magn. Magn. Mater., 90-91, p. 703
238. Yamada, H., Inoue, J., Terao, K., Kanda, S., Shimizu, M., (1984) J. Phys. F: Metal Phys., 14, p. 159
239. Yamada, H., Terao, K., Aoki, M., (1998) J. Magn. Magn. Mater., 177-181, p. 607
240. Yamaguchi, M., Ikeda, H., Ohata, T., Katayama, T., Goto, T., (1985) J. Less-Common Met., 106, p. 165
241. Yamaguchi, M., Ross, D.K., Goto, T., Ohta, T., (1985) Z. Phys. Chem. N.F., 145, p. 101
242. Yamaguchi, M., Futakata, T., Yamamoto, I., Goto, T., (1992) J. Magn. Magn. Mater., 104-107, p. 731
243. Yamaguchi, M., Yamamoto, I., Bartashevich, M.I., Aruga Katori, H., Goto, T., (1995) J. Alloys Comp., 231, p. 159
244. Yoshie, H., Nakamura, Y., (1988) J. Phys. Soc. Japan, 57, p. 3649
245. Yoshimura, K., Nakamura, Y., (1985) Solid State Commun., 56, p. 767
246. Yoshimura, K., Nakamura, Y., (1990) J. Magn. Magn. Mater., 90-91, p. 697
247. Yoshimura, K., Shimizu, T., Takigawa, M., Yasuoka, H., Nakamura, Y., (1984) J. Phys. Soc. Japan, 53, p. 503
248. Yoshimura, K., Hirose, S., Nakamura, Y., (1984) J. Phys. Soc. Japan, 53, p. 2120
249. Yoshimura, Y., Yoshimoto, Y., Mekata, M., Sakakibara, T., Goto, T., (1987) J. Magn. Magn. Mater., 70, p. 147
250. Zhao, G.Z., (1994) Thesis, , University of Amsterdam, Singapore