

参考文献

- [1] M. Blume: *J. Appl. Phys.* **57**, 3615 (1985).
- [2] M. Blume, in *Resonant Anomalous X-ray Scattering, Theory and Applications*, edited by G. Materlik, C. J. Sparks, and K. Fischer (Elsevier Science, Amsterdam, 1994), p. 495.
- [3] S. W. Lovesey and S. P. Collins, *X-ray Scattering and Absorption by Magnetic Materials* (Oxford, 1996).
- [4] G. L. Squires, *Introduction to the Theory of Thermal Neutron Scattering*, (Dover, 1996).
- [5] F. de Bergevin and M. Brunel, *Phys. Lett. A* **39**, 141 (1972).
- [6] M. Ito, 日本結晶学会誌 (Journal of the Crystallographic Society of Japan) **39**, 60 (1997).
- [7] M. Ito, 放射光 (Journal of the Japanese Society for Synchrotron Radiation Research) **12**, 277 (1999).
- [8] M. Ito, N. Tuji, F. Itoh, H. Adachi, E. Arakawa, K. Namikawa, H. Nakao, Y. Murakami, Y. Taguchi, and Y. Tokura, *J. Phys. Chem. Solids* **65**, 1993 (2004).
- [9] J. P. Hannon, G. T. Trammell, M. Blume, and D. Gibbs, *Phys. Rev. Lett.* **61**, 1245 (1988); **62**, 2644 (1988).
- [10] J. P. Hill and D. F. McMorrow: *Acta Cryst.* **A52** (1996) 236.
- [11] H. Yamauchi, H. Onodera, K. Ohoyama, T. Onimaru, M. Kosaka, M. Ohashi, and Y. Yamaguchi, *J. Phys. Soc. Jpn.* **68**, 2057 (1999).
- [12] K. Hirota, N. Oumi, T. Matsumura, H. Nakao, Y. Wakabayashi, Y. Murakami, and Y. Endoh, *Phys. Rev. Lett.* **84**, 2706 (2000).
- [13] T. Matsumura, N. Oumi, K. Hirota, H. Nakao, Y. Murakami, Y. Wakabayashi, T. Arima, S. Ishihara, and Y. Endoh, *Phys. Rev. B* **65**, 094420 (2002).
- [14] F. Yakhou, V. P. Plakhty, H. Suzuki, S. V. Gavrilov, P. Burette, L. Paolasini, C. Vettier, and S. Kunii, *Phys. Lett. A* **285**, 191 (2001).
- [15] S. W. Lovesey, *J. Phys: Condens. Matter* **14**, 4415 (2002).
- [16] T. Nagao and J.-i. Igarashi, *J. Phys. Soc. Jpn.* **72**, 2381 (2003).
- [17] Y. Tanaka, U. Staub, K. Katsumata, S. W. Lovesey, J. E. Lorenzo, Y. Narumi, V. Scagnoli, S. Shimomura, Y. Tabata, Y. Onuki, Y. Kuramoto, A. Kikkawa, T. Ishikawa, and H. Kitamura, *Europhys. Lett.* **68**, 671 (2004).
- [18] Y. Tanaka, K. Katsumata, S. Shimomura, and Y. Onuki, *J. Phys. Soc. Jpn.* **74**, 2201 (2005).
- [19] H. Nakao, K. Kiyoto, K. Nakatsuka, D. Bizen, T. Murata, S. Kodama, T. Matsumura, K. Iwasa, Y. Murakami, and A. Ochiai, *J. Phys. Chem. Solids* **68**, 2064 (2007).
- [20] T. Matsumura, D. Okuyama, N. Oumi, K. Hirota, H. Nakao, Y. Murakami, and Y. Wakabayashi, *J. Phys. Soc. Jpn.* **74**, 1500 (2005).
- [21] T. Matsumura, D. Okuyama, N. Oumi, K. Hirota, H. Nakao, Y. Murakami, and Y. Wakabayashi, *Phys. Rev. B* **71**, 012405 (2005).
- [22] O. Sakai, R. Shiina, H. Shiba, and P. Thalmeier, *J. Phys. Soc. Jpn.* **66**, 3005 (1997).

- [23] H. Nakao, K. Magishi, Y. Wakabayashi, Y. Murakami, K. Koyama, K. Hirota, Y. Endoh, and S. Kunii, J. Phys. Soc. Jpn. **70**, 1857 (2001).
- [24] T. Matsumura, T. Yonemura, K. Kunimori, M. Sera, and F. Iga, Phys. Rev. Lett. **103**, 017203 (2009).
- [25] T. Matsumura, T. Yonemura, K. Kunimori, M. Sera, and F. Iga, J. Phys. Soc. Jpn. **80**, Suppl. A SA054 (2011).
- [26] T. Matsumura, T. Yonemura, K. Kunimori, M. Sera, F. Iga, T. Nagao, and J. I. Igarashi, Phys. Rev. B **85**, 174417 (2012).
- [27] T. Matsumura, H. Nakao, and Y. Murakami, J. Phys. Soc. Jpn. **82**, 021007 (2013).
- [28] T. Matsumura, S. Michimura, T. Inami, Y. Hayashi, K. Fushiya, T. D. Matsuda, R. Higashinaka, Y. Aoki, and H. Sugawara, Phys. Rev. B **89**, 161116(R) (2014).
- [29] T. Matsumura, S. Michimura, T. Inami, T. Otsubo, H. Tanida, F. Iga, and M. Sera, Phys. Rev. B **89**, 014422 (2014).
- [30] S. Takai, T. Matsumura, H. Tanida, and M. Sera, Phys. Rev. B **92**, 174427 (2015).
- [31] T. Matsumura, Y. Kita, K. Kubo, Y. Yoshikawa, S. Michimura, T. Inami, Y. Kousaka, K. Inoue, and S. Ohara, J. Phys. Soc. Jpn. **86**, 124702 (2017).
- [32] K. Kurauchi, T. Matsumura, M. Tsukagoshi, N. Higa, M. Kakihana, M. Hedo, T. Nakama, and Y. Ōnuki, J. Phys. Soc. Jpn. **92**, 083701 (2023).
- [33] Y. Murakami, H. Kawada, H. Katata, M. Tanaka, T. Arima, Y. Moritomo, and Y. Tokura, Phys. Rev. Lett. **80**, 1932 (1998).
- [34] Y. Murakami, J. P. Hill, D. Gibbs, M. Blume, I. Koyama, M. Tanaka, H. Kawata, T. Arima, Y. Tokura, K. Hirota, and Y. Endoh, Phys. Rev. Lett. **81**, 582 (1998).
- [35] S. W. Lovesey and E. Balcar: J. Phys: Condens. Matter **8**, 10983 (1996); **8**, 11009 (1996); **9**, 4237 (1997); **9**, 7501 (1997); **10**, 501 (1998).
- [36] S. W. Lovesey, E. Balcar, K. S. Knight, and J. Fernandez-Rodriguez, Physics Reports **411**, 233 (2005).
- [37] T. Nagao and J.-I. Igarashi, Phys. Rev. B **74**, 104404 (2006).
- [38] T. Nagao and J.-I. Igarashi, J. Phys. Soc. Jpn. **77**, 084710 (2008).
- [39] T. Nagao and J.-I. Igarashi, Phys. Rev. B **82**, 024402 (2010).
- [40] H. Shiba, O. Sakai, and R. Shiina, J. Phys. Soc. Jpn. **68**, 1988 (1999).
- [41] T. Inami, S. Michimura, and T. Matsumura, J. Phys. : Conf. Ser. **425**, 132011 (2013).
- [42] 菊田惺志: 「X線回折・散乱技術〈上〉(物理工学実験)」(東京大学出版会)。
- [43] K. Hirano, 放射光 (Journal of the Japanese Society for Synchrotron Radiation Research) **11**, 238 (1998).
- [44] C. Kittel, *Introduction to Solid State Physics* (Wiley).
- [45] 小出昭一郎: 「量子力学 (II)」(裳華房)。
- [46] 小野寺嘉孝, 田辺行人, 犬井鉄郎: 「応用群論」(裳華房)。

[47] 近藤淳: 「金属電子論」(裳華房) .

[48] <http://www.sasakiken.net> : 原子散乱因子や異常散乱因子のデータベース.

[49] <http://xdb.lbl.gov> : X線データ集.