

2007 年 3 本

1. Spin-glass-like behavior of MnCu alloy:

M. Yanagida and Y. Tsunoda

J. Mag. Mag. Mater. (2007), In Press:

2. Magnon and magnetic structure of FePt alloy

S. Akiyama and Y. Tsunoda

J. Mag. Mag. Mater. (2007): In Press,

3. Simple cubic antiferromagnet Pt<sub>3</sub>Fe alloy under uniaxial pressure:

S. Yano and Y. Tsunoda

J. Mag. Mag. Mater. (2007): In Press,

2006 年 9 本

1. Neutron diffraction investigations of zero-field and field-induced magnetic structures in DyNiSn single crystal,

K. Murogaki, S. Kawano, Y. Andoh, M. Takahashi, M. Kurisu, G. Nakamoto, D. T. Kim Anh, T. Tsutaoka,

Journal of Alloys and Compounds, **408-412** (2006) 136-139. (2006, Feb. 9)

2. Magnetic ordering of Nd<sub>7</sub>Ni<sub>3</sub>

Takanori Tsutaoka, Yoshikazu Andoh, Shinji Kawano, Go Nakamoto, Do Thi Kim Anh, Makio Kurisu, Toshihiko Tokunaga,

Journal of Alloys and Compounds, **408-412** (2006) 181-183. (2006, Feb. 9)

3. Neutron Diffraction Study of Distorted-Triangular-Lattice Ising-like Antiferromagnet TlCoCl<sub>3</sub>

Yoichi Nishiwaki, Tetsuya Kato, Yasuaki Oohara, Akira Oosawa, Norikazu Todoroki, Naoki Igawa, Yoshinobu Ishii and Katsunori Iio

Journal of the Physical Society of Japan Vol. **75** No. 3, March, 2006, 034707 (8 pages)

4. Studies of Anomalous Hall Effect and Magnetic Structure of  $\text{Nd}_2\text{Mo}_2\text{O}_7$  - Test of Chirality Mechanism -

Yukio Yasui, Taketomo Kageyama, Taketo Moyoshi, Minoru Soda, Masatoshi Sato and Kazuhisa Kakurai

Journal of the Physical Society of Japan Vol. **75** No.8, August, (2006) 084711(11page)

5. Lattice dynamics of tetragonal  $\text{PbTiO}_3$

I. Tomeno, Y. Ishii, Y. Tsunoda and K. Oka

Phys. Rev. **B73** (2006) 064116-1~10

6. Low-lying optical phonon modes in the filled skutterudite  $\text{CeRu}_4\text{Sb}_{12}$

C. H. Lee, I. Hase, H. Sugawara, H. Yoshizawa, H. Sato

J. Phys. Soc. Jpn. **75** No12 (2006) 123602 (5 pages).

7. Magnetic structure of  $\text{Y}_{1-x}\text{Nd}_x\text{Mn}_6\text{Sn}_6$  alloys

T. Hori, H. Shiraishi, K. Ohoyama, M. Nishi, K. Koyama and K. Watanabe

Physica B: Condensed Matter, Volumes **385-386**, Part 1, 15 November (2006), Pages 320-322

8. Neutron Diffraction Study of Magnetic Transitions on  $\text{PrCu}_2\text{Ge}_2$

T. Shigeoka, M. Nishi, S. Kawano and T. Uwatoko;

Physica B: Condensed Matter, Volumes **385-386**, Part 1, 15 November (2006) Pages 323-325.

9. A neutron diffraction study on an  $\text{Er}_7\text{Rh}_3$  single crystal:

T. Tsutaoka, A. Tanaka, Y. Andoh, S. Kawano, M. Kurisu, and G. Nakamoto:

Physica B: Condensed Matter, Volumes **385-386**, Part 1, 15 November (2006) Pages 353-355

**2005 年**

9 本

1. Reinvestigation of dielectric anomalies of  $\text{RMn}_2\text{O}_5$  associated with successive magnetic phase transitions

S. Kobayashi, T. Osawa, H. Kimura, Y. Noda, I. Kagomiya and K. Kohn

J. Korean Phys. Soc. **46** (N01) (2005) 289-291.

2. Heat Capacity, X-ray Scattering and Neutron Scattering Studies in  $\text{Rb}_2\text{SeO}_4$   
Hirotake Shigematsu, Yukikuni Akishige, Hiroyuki Mashiyama, Takeo Tojo, Hitoshi Kawaji, Tooru Atake and Tsuneo Matsui  
Journal of the Korean Physical Society **46** (2005) 235-238.
3. Neutron Diffraction Study of Magnetic Ordering Associated with Ferroelectricity in  $\text{TmMn}_2\text{O}_5$   
S. Kobayashi, H. Kimura, Y. Noda and K. Kohn  
J. Phys. Soc. Jpn. **74** (2005) N01. 468-472.
4. Magnetic Structure of  $\text{Sr}_2\text{MnO}_{3.5}$   
Chihiro Kato, Satoshi Iikubo, Minoru Soda, Masatoshi Sato, Kazuhisa Kakurai and Shunsuke Yoshii  
J. Phys. Soc. Jpn. **74** (2005) N03. 1026-1029.
5. Magnetic and Charge Ordering Transitions of  $\text{PrBaCo}_2\text{O}_5$   
Minoru Soda, Yukio Yasui, Masatoshi Sato and Kazuhisa Kakurai  
Journal of the Physical Society of Japan Vol. **74** No. 6, June, 2005 pp.1875-1876
6. Coexistence of Two Kinds of Magnetic Excitations in the Concentrated Spin-Glass Alloy  $\text{Fe}_{65}(\text{Ni}_{0.866}\text{Mn}_{0.134})_{35}$   
K. Motoya and K. Nakaguchi  
J. Phys. Soc. Jpn. **74** (2005) 2287-2293.
7. Magnetic Phase Diagram of the Triangular Lattice Antiferromagnet  $\text{CuFe}_{1-x}\text{Al}_x\text{O}_2$   
Noriki Terada, Setsuo Mitsuda, Toru Fujii, Ken-ichiro Soejima, Ikuo Doi, Hiroko Aruga Katori and Yukio Noda  
Journal of the Physical Society of Japan Vol. **74** No. 9, September, 2005 pp. 2604-2611
8. Magnetic Correlation of  $\text{Na}_x\text{CoO}_2$  and Successive Phase Transitions of  $\text{Na}_{0.5}\text{CoO}_2$  -NMR and Neutron Diffraction Studies-  
Mai Yokoi, Taketo Moyoshi, Yoshiaki Kobayashi, Minoru Soda, Yukio Yasui, Masatoshi Sato and Kazuhisa Kakurai  
Journal of the Physical Society of Japan Vol. **74** No. 11, November, 2005 pp. 3046-3056
9. Structures and Phase Transitions in  $(\text{K}_{1-x}\text{Rb}_x)_2\text{SeO}_4$   
Hirotake Shigematsu, Yukikuni Akishige, Tsuneo Matsui, Takeo Tojo, Hitoshi Kawaji and Tooru Atake

2004年 18本

1. Magnetic Structure of a Spinel System  $\text{Cu}_{0.3}\text{Zn}_{0.7}\text{Cr}_2\text{Se}_4$ ;  
Iikubo, Y. Yasui, Y. Kobayashi, Y. Ohno, M. Ito, M. Soda, M. Sato and K. Kakurai;  
J. Magn. Magn. Mater. **272-276** (2004) 473-474.
2. Partial spin frustration system in the ordered  $\text{Mn}_3\text{Pt}$  alloy:  
T. Ikeda and Y. Tsunoda:  
Journal of Magnetism and Magnetic Materials, Volumes **272-276**, Part 1, May 2004, Pages 482-484
3. Neutron Scattering Study of the magnetic Structure and Excitations of Metallic  $(\text{V}_{1-x}\text{Ti}_x)_2\text{O}_3$   
J. Kikuchi, S. Tabaru and K. Motoya  
Journal of Magnetism and Magnetic Materials, Volumes **272-276** (2004) 511-512.
4. Temperature variation of the tetragonality in ordered PtFe alloy:  
Y. Tsunoda and H. Kobayashi:  
Journal of Magnetism and Magnetic Materials, Volumes **272-276**, Part 2, May 2004, Pages 776-777
5. Magnetic properties of TbPdSn single crystal:  
Yoshikazu Andoh, Makio Kurisu, Go Nakamoto, Toshiyuki Himi and Shinji Kawano  
Journal of Magnetism and Magnetic Materials, Volumes **272-276**, Supplement 1, May 2004, Pages E361-E362
6. Magnetic and transport properties of  $\text{R}_5\text{Ge}_3$  (R=Gd, Tb) single crystals  
Takanori Tsutaoka, Yuki Nishiume and Toshihiko Tokunaga  
Journal of Magnetism and Magnetic Materials, Volumes **272-276**, Supplement 1, May 2004, Pages E421-E422
7. High magnetic field susceptibility and neutron scattering measurements for  $\text{ZnFe}_2\text{O}_4$  single crystal:  
Kazuya Kamazawa, Kenji Nakajima, Key Kohn and Yorihiro Tsunoda:

8. Magnetic structure of CoO studied by neutron and synchrotron x-ray diffraction:  
K. Tomiyasu, T. Inami, and N. Ikeda:  
Phys. Rev. **B 70** (2004) 184411

9. Magnetic Structure of  $\text{Cu}_{0.3}\text{Zn}_{0.7}\text{Cr}_2\text{Se}_4$ ;  
S. Iikubo, Y. Ohno, Y. Kobayashi, Y. Yasui, M. Ito, M. Soda, M. Sato and K. Kakurai;  
J. Phys. Soc. Jpn. **73** (2004) 1023–1030.

10. Magnetic Structure of  $\text{NiCr}_2\text{O}_4$  Studied by Neutron Scattering and Magnetization  
Measurements:

Keisuke Tomiyasu and Isao Kagomiya:  
Journal of the Physical Society of Japan Vol. **73** No. 9, September, 2004 pp. 2539–2542

11. Magnetic Properties of  $\text{ZnFe}_2\text{O}_4$  as a 3-D Geometrical Spin Frustration System:  
Toshihiro Usa, Kazuya Kamazawa, Hirofumi Sekiya, Shin Nakamura, Yorihiro Tsunoda, Key  
Kohn and Midori Tanaka:  
Journal of the Physical Society of Japan Vol. **73** No. 10, October, 2004 pp. 2834–2840.

12. Neutron Diffraction Study of Distorted-Triangular-Lattice Ising-like  
Antiferromagnet  $\text{RbCoBr}_3$

Yoichi Nishiwaki, Tetsuya Kato, Yasuaki Oohara and Katsunori Iio:  
Journal of the Physical Society of Japan Vol. **73** No. 10, October, 2004 pp. 2841–2844

13. The particle size effect of the spin-density wave in cubic  $\gamma$ -Fe precipitates in  
Cu

Takaya Naono and Yorihiro Tsunoda  
J. Phys.: Condens. Matter **16** (2004) 7723–7732

14. Neutron Diffraction Study of Successive Magnetic Phase Transitions in  
Ferroelectric  $\text{TbMn}_2\text{O}_5$

S. Kobayashi, T. Osawa, H. Kimura, Y. Noda, N. Kasahara, S. Mitsuda and K. Kohn  
J. Phys. Soc. Jpn. **73** N012 (2004) 3439–3443.

15. Magnetic Correlation, Excitation and Slow-Dynamics in Concentrated Spin-Glass  
Alloys

K. Motoya

Pramana-Journal of Physics (India). **63** (2004) 155-163.

16. 2D-to-1D Modulated-to-Lock in Successive Magnetic Phase Transitions Associated with Ferroelectricity in  $\text{ErMn}_2\text{O}_5$

Satoru Kobayashi, Toshihiro Osawa, Hiroyuki Kimura, Yukio Noda, Isao Kagomiya and Kay Kohn:

Journal of the Physical Society of Japan Vol. **73** No. 4, April, 2004 pp.1031-1035

17. Reinvestigation of Simultaneous Magnetic and Ferroelectric Phase Transitions in  $\text{YMn}_2\text{O}_5$

Satoru Kobayashi, Toshihiro Osawa, Hiroyuki Kimura, Yukio Noda, Isao Kagomiya and Kay Kohn

Journal of the Physical Society of Japan Vol. **73** No. 6, June, 2004 pp.1593-1596 : (75, 77)

18. Magnetic short-range order and reentrant-spin-glass-like behavior in  $\text{CoCr}_2\text{O}_4$  and  $\text{MnCr}_2\text{O}_4$  by means of neutron scattering and magnetization measurements

K. Tomiyasu, J. Fukunaga, and H. Suzuki

Phys. Rev. B **70**, 214434 (2004)

**2003 年**      1 2 本

1. Magnetic neutron scattering measurements on a single crystal of frustrated  $\text{ZnFe}_2\text{O}_4$ :

Kamazawa K, Tsunoda Y, Kadowaki H and K. Kohn:

Phys. Rev. B **68** (2) art. no.-024412 JUL 1 2003

2. Crossover of Spin Correlations in  $\text{Pt}_{100-x}\text{Fe}_x$  ( $16 < X < 25$ ) Alloys:

Y. Tsunoda, D. Tsuchiya and H. Higashiyama:

J. Phys. Soc. Jpn. **72** (2003) 713-717

3. Anomalous Hall Effect and Magnetoresistance of  $\text{SrFe}_{1-x}\text{Co}_x\text{O}_{3-\delta}$ :

Takahiko Ido, Yukio Yasui and Masatoshi Sato:

J. Phys. Soc. Jpn. **72** (2003) 357

4. Neutron Scattering Studies of Pyrochlore Compound  $\text{Nd}_2\text{Mo}_2\text{O}_7$  in Magnetic Field:

Y. Yasui, S. Iikubo, H. Harashina, T. Kageyama, M. Ito, M. Sato and K. Kakurai:  
J. Phys. Soc. Jpn., **72** (2003) 865-872.

5. Coexistence of Ferromagnetic and Antiferromagnetic Clusters in Concentrated Spin-Glass Alloys  $\text{Fe}_{65}(\text{Ni}_{1-x}\text{Mn}_x)_{35}$ : Kiyochiro Motoya and Keiko Hioki  
J. Phys. Soc. Jpn., **72** (2003) 930-937

6. Spin Fluctuations in an Octahedral Antiferromagnet  $\text{Mn}_3\text{Pt}$  Alloy:  
Takashi Ikeda and Yorihiro Tsunoda:  
Journal of the Physical Society of Japan Vol. **72** No.10, October, (2003) pp.2614-2621

7. Ferromagnetic Transition of Pyrochlore Compound  $\text{Yb}_2\text{Ti}_2\text{O}_7$ :  
Yukio Yasui, Minoru Soda, Satoshi Iikubo, Masafumi Ito, Masatoshi Sato, Nobuko Hamaguchi, Taku Matsushita, Nobuo Wada, Tetsuya Takeuchi, Naofumi Aso and Kazuhisa Kakurai:  
J. Phys. Soc. Jpn., **72** (2003) 3014-3015.

8. Magnetism of  $\text{Pt}_{0.67}\text{Fe}_{0.33}$  Alloy:  
Yasuyuki Higashiyama and Yorihiro Tsunoda:  
Journal of the Physical Society of Japan Vol. **72** No.12, December, 2003 pp.3305-3306.

9. Detailed Studies on the Anomalous Hall Effect of Pyrochlore Molybdates:  
Y. Yasui, T. Kageyama, S. Iikubo, K. Oda, M. Sato and K. Kakurai:  
Physica **B329-333** (2003) 1036.

10. Magnetic Structure and the Anomalous Hall Effect of  $\text{Cu}_{1-x}\text{Zn}_x\text{Cr}_2\text{Se}_4$ :  
S. Iikubo, Y. Ohno, Y. Yasui, T. Fukamachi, K. Oda, M. Sato and K. Kakurai:  
Physica B **329-333** (2003) 707

11. Magnetic and transport properties of  $\text{Ho}_7\text{Rh}_3$ :  
T. Tsutaoka et al. :  
Physica B: Condensed Matter, Volume **327**, Issues 2-4, April 2003, Pages 352-356

12. Magnetic structure of  $\text{HoPdSn}$ :  
Y. Andoh, M. Kurisu, G. Nakamoto, T. Tsutaoka, Y. Makihara, T. Kosugi and S. Kawano:  
Physica B: Condensed Matter, Volume **327**, Issues 2-4, April 2003, Pages 389-392

1. Interspin interactions in  $\text{ZnFe}_2\text{O}_4$ : Theoretical analysis of neutron scattering study:

Y. Yamada, K. Kamazawa and Y. Tsunoda:

Phys. Rev. **B66** (2002) 64401-64407.

2. Atomic Concentration Wave in Pd-Ti Alloys:

Y. Kurimoto and Y. Tsunoda:

J. Phys. Soc. Jpn. **71** (2002) 2827-2828.

3. Static Correlation and Dynamical Properties of  $\text{Tb}^{3+}$  - Moments in  $\text{Tb}_2\text{Ti}_2\text{O}_7$  - Neutron Scattering Study - :

Y. Yasui, M. Kanada, M. Itoh, H. Harashina, M. Sato, H. Okumura, K. Kakurai and H. Kadowaki:

J. Phys. Soc. Jpn. **71** (2002) 599

4. Magnetic Phase transitions in Substituted Spinels of  $\text{Zn}_{1-x}\text{Cu}_x\text{Cr}_2\text{Se}_4$ ;  $0.0 < x < 0.3$ :  
M. Hidaka, N. Tokiwa, T. T. Wai, H. Fujii, K. Ohoyama, S. Mizushima, J. Sakurai, F. Ichikawa and K. Itoh:

PHASE TRANSITIONS **75** (2002) 273

5. Magnetic Structure and the Hall Resistivity of  $\text{Cu}_{1-x}\text{Zn}_x\text{Cr}_2\text{Se}_4$ :

S. Iikubo, Y. Yasui, K. Oda, Y. Ohno, Y. Kobayashi, M. Sato and K. Kakurai:

J. Phys. Soc. Jpn. **71** (2002) 2792-2799.

6. スピンアイス系の磁気相関:

安井幸夫、金田昌基、佐藤正俊、門脇広明 :

日本物理学会誌 **57** (2002) 830-834.

7. Magnetic Structure of  $\text{Ce}(\text{Ni}_{1-x}\text{Pd}_x)_2\text{Ge}_2$  Proximate to the Magnetic Instability:

T. Fukuhara, H. Kadowaki, N. Aso, T. Takeuchi, T. Kuwai, J. Sakurai and K. Maezawa:

J. Phys. Soc. Jpn. **71** (2002) 1360-1364

8. Neutron Diffraction Study of Magnetic Structure of the Heavy Fermion Antiferromagnet  $\text{Ce}(\text{Ni}_{1-x}\text{Rh}_x)_2\text{Ge}_2$ :

H. Kadowaki, T. Fukuhara, K. Maezawa, N. Aso, H. Yoshizawa, T. Ooshima and M. Ishikawa:



J. Phys. Soc. Jpn., **71** (2002) 2069–2070

9. Instability of a quasi-magnetic structure in a layer compound,  $\text{Cs}_{0.5}\text{Rb}_{0.5}\text{VF}_4$   
M. Hidaka, N. Tokiwa, T.T. Wai, et al.

Appl. Phys. A **74** (2002) s826–s828.

10. Neutron Scattering Study of the Spin Correlation in the Spin Ice System  $\text{Ho}_2\text{Ti}_2\text{O}_7$   
M. Kanada, Y. Yasui, Y. Kondo, S. Iikubo, M. Ito, H. Harashina, M. Sato, H. Okumura,  
K. Kakurai and H. Kadowaki

J. Phys. Soc. Jpn. **71** (2002) 313

11. Stripe Order in Highly Doped  $\text{La}_{2-x}\text{Sr}_x\text{NiO}_4$ ;

R. Kajimoto, T. Kakeshita, H. Yoshizawa, T. Tanabe, T. Katsufuji and Y. Tokura

Appl. Phys. A **74** (2002) S1765

12. Microscopic Magnetic Properties of  $(\text{V}_{1-x}\text{Ti}_x)_2\text{O}_3$  near the Phase Boundary of the  
Metal-Insulator Transition

J. Kikuchi, N. Wada, K. Nara and K. Motoya

J. Phys. Chem. Solids **63** (2002) 969–973.

**2001年** 20本

[1] Transport, Magnetic and Neutron Studies on  $\text{Y}_{2-x}\text{Nd}_x\text{Mo}_2\text{O}_7$ ;

Y. Yasui, Y. Kondo, M. Kanada, M. Ito, H. Harashina, S. Iikubo, K. Oda, T. Kageyama,  
K. Murata, S. Yoshii, M. Sato, H. Okumura and K. Kakurai;

J. Phys. Soc. Jpn. (Supplement A) **70** (2001) 100–102.

[2] Dynamical Magnetic Properties of  $\text{Tb}_2\text{Ti}_2\text{O}_7$ ;

M. Kanada, Y. Yasui, M. Ito, H. Harashina, M. Sato, H. Okumura, K. Kakurai and H.  
Kadowaki;

J. Phys. Soc. Jpn. (Supplement A) **70** (2001) 200–202.

[3] Magnetic and Electrical Properties of  $\text{R}_7\text{Rh}_3$  (R=Gd, Tb, Dy, Ho, Er and Y):

Takanori Tsutaoka, Yuko Nakamori, Toshihiko Tokunaga and Yuichi Itoh:

J. Phys. Soc. Jpn. **70** No1(2001)199–202

[4] Magnetic Structure of  $\text{Nd}_2\text{Mo}_2\text{O}_7$

Y. Yasui, Y. Kondo, M. Kanada, M. Itoh, H. Harashina, M. Sato and K. Kakurai:  
J. Phys. Soc. Jpn. **70** (2001) 284

[5] Spin Modulation Wave in Giant Magnetic Moment Systems PdCo and PtCo Alloys:

K. Fushimi and Y. Tsunoda:

J. Phys. Soc. Jpn., **70** (2001) 1364-1368

[6] Dynamical Properties of Magnetically Frustrated Pyrochlore System  $\text{Tb}_2\text{Ti}_2\text{O}_7$ :

Y. Yasui, M. Kanada, M. Ito, H. Harashina, M. Sato, H. Okumura and K. Kakurai:

J. Phys. Chem. Solids **62** (2001) 343

[7] Observation of Pressure-Induced Weak Ferromagnetic Moment in the Layered  
Antiferromagnetic Compound  $(\text{C}_2\text{H}_5\text{NH}_3)_2\text{CuCl}_4$  by Magnetic Susceptibility and  
Neutron Scattering Measurements

Hirota Manaka, Isao Yamada, Masakazu Nishi and Tsuneaki Goto

Journal of the Physical Society of Japan **70** No. 1 (2001) 241-247.

[8] Neutron Scattering Study of Heavy Fermion Antiferromagnet  $\text{Ce}_7\text{Ni}_3$  under Pressure:

K. Motoya, T. Kawasaki, H. Kadowaki, T. Osakabe, H. Okumura, K. Kakurai, K. Umeo and  
T. Takabatake: J. Magn. Mater. **226-230** (2001) 85

[9] Spin Correlations in  $\text{Mn}_3\text{Pt}$ :

T. Ikeda and Y. Tsunoda:

Proceedings of the 1st International Symposium on Advanced Science Research (ASR-2000)  
Advances in Neutron Scattering Research, October 31-November 2, 2000 held in Tokai,  
Ibaraki, Japan,

J. Phys. Soc. Japan **70** (2001) Suppl. A130-132.

[10] Neutron Scattering Studies of PdMn and PtMn Alloys:

A. Harigae, T. Sunaga and Y. Tsunoda:

Proceedings of the 1st International Symposium on Advanced Science Research (ASR-2000)  
Advances in Neutron Scattering Research, October 31-November 2, 2000 held in Tokai,  
Ibaraki, Japan,

J. Phys. Soc. Jpn. **70** (2001) Suppl. A 133-135.

[11] The Uniaxial Pressure Dependence of Spin-Peierls Transition Temperature in  $\text{CuGeO}_3$

Masakazu Nishi, Jun Akimitsu, Osamu Fujita, Kazuhisa Kakurai, and Yasuhiko Fujii

Proceedings of the 1st International Symposium on Advanced Science Research (ASR-2000)  
Advances in Neutron Scattering Research, October 31–November 2, 2000 held in Tokai,  
Ibaraki, Japan,  
Journal of the Physical Society of Japan **70** Supplement A (2001) 172–173.

[12] Magnetic Properties of Layer Compounds  $\text{RbVF}_4$  and  $\text{Cs}_{0.5}\text{Rb}_{0.5}\text{VF}_4$ :  
Masanori HIDAOKA, Michihiro YOSHIMURA, Hiroomi AKIYAMA, Hironari FUJII and Satoshi  
WATANABE:  
Proceedings of the 1st International Symposium on Advanced Science Research (ASR-2000)  
Advances in Neutron Scattering Research, October 31–November 2, 2000 held in Tokai,  
Ibaraki, Japan: J. Phys. Soc. Jpn. **70** (2001) Suppl. A 192–194, 2001 Mar.

[13] Neutron Diffraction Studies for the Magnetic Structures of  $\text{Tb}_7\text{Rh}_3$ :  
T. Tsutaoka, M. Nagao, Y. Nakamori, T. Tokunaga, S. Kawano, Y. Andoh, G. Nakamoto and  
M. Kurisu:  
Proceedings of the 1st International Symposium on Advanced Science Research (ASR-2000)  
Advances in Neutron Scattering Research, October 31–November 2, 2000 held in Tokai,  
Ibaraki, Japan: J. Phys. Soc. Jpn. **70** (2001) Suppl. A 212–214, 2001 Mar.

[14] Incommensurate Magnetic Structure of  $\text{HoNiSn}$   
M. Kurisu, G. Nakamoto, T. Nobata, R. Hara, Y. Andoh, S. Kawano:  
Proceedings of the 1st International Symposium on Advanced Science Research (ASR-2000)  
Advances in Neutron Scattering Research, October 31–November 2, 2000 held in Tokai,  
Ibaraki, Japan: J. Phys. Soc. Japan. **70** (2001) Suppl. A 218–220, 2001 Mar.

[15] Neutron Diffraction Studies on Magnetic Structures of Mn Formate Di-Urea Single  
Crystal:  
T. Kosugi, X. Xun, S. Kawano, K. Yamagata: Proceedings of the 1st International  
Symposium on Advanced Science Research (ASR-2000) Advances in Neutron Scattering  
Research, October 31–November 2, 2000 held in Tokai, Ibaraki, Japan:  
J. Phys. Soc. Jpn. **70** (2001) Suppl. A 221–223

[16] High-Field Magnetization and Neutron Diffraction Studies of One-Dimensional  
Compound  $\text{Ca}_3\text{CoRhO}_6$ :  
Seiji Niitaka, Hiroshi Kageyama, Kazuyoshi Yoshimura, Koji Kosuge, Shinji Kawano,  
Naofumi Aso, Akihiro Mitsuda, Hiroyuki Mitamura and Tsuneaki Goto:  
J. Phys. Soc. Jpn., **70** (2001) 1222–1225

- [17] Lattice Dynamics of Disordered Perovskite  $\text{Pb}(\text{Zn}_{1/3}\text{Nb}_{2/3})\text{O}_3$ :  
Izumi Tomeno, Senji Shimanuki, Yorihiro Tsunoda and Yoshinobu Ishii:  
J. Phys. Soc. Jpn., **70**(2001) 1444-1447
- [18] Charge and spin ordering in  $\text{LiMn}_2\text{O}_4$ :  
I. Tomeno, Y. Kasuya and Y. Tsunoda:  
Phys. Rev. **B64** (2001) 094422.
- [19] Nature of Spin Freezing Transition of Geometrically Pyrochlore System  
 $\text{R}_2\text{Ru}_2\text{O}_7$  (R=Rare Earth Elements and Y)  
M. Ito, Y. Yasui, M. Kanada, H. Harashina, S. Yoshii, K. Murata, M. Sato, H. Okumura  
and K. Kakurai:  
J. Phys. Chem. **62** (2001) 337
- [20] Pressure-Induced Transition of the Interlayer Exchange Interaction from  
Ferromagnetic to Antiferromagnetic Observed in the Two-Dimensional Ferromagnet  
 $(\text{CH}_3\text{NH}_3)_2\text{CuCl}_4$  through Magnetic Susceptibility and Neutron Scattering  
Measurements:  
Hirotaka Manaka, Isao Yamada, Masakazu Nishi and Tsuneyuki Goto:  
Journal of the Physical Society of Japan **70** No.5 (2001) 1390-1396.

2000年 10本

- [1] Mechanism of Slow Dynamics in Concentrated Spin Glasses  
K. Motoya, K. Hioki and J. Suzuki: RIKEN Review **27** (2000) 29
- [2] Incommensurate Magnetic Structure of the Heavy Fermion Antiferromagnet  $\text{Ce}_7\text{Ni}_3$   
H. Kadowaki, K. Motoya, T. Kawasaki, T. Osakabe, H. Okumura, K. Kakurai, K. Umeo and  
T. Takabatake: J. Phys. Soc. Jpn. **69** (2000) 2269
- [3] Metamagnetic Transitions in  $\text{Nd}_7\text{Ni}_3$   
T. Tsutaoka, T. Tokunaga, H. Kadomatsu, X. Xun, S. Kawano, Y. Andoh, G. Nakamoto and  
M. Kurisu: J. Phys. Soc. Jpn. **69** (2000) 1850-1855.
- [4] NMR and Neutron Scattering Studies of Quasi One-Dimensional Magnet  $\text{CuV}_2\text{O}_6$ :

Jun Kikuchi, Kazuhiro Ishiguchi, Kiyoichiro Motoya, Masayuki Itoh, Kazunori Inari, Naotoshi Eguchi and Jun Akimitsu: J. Phys. Soc. Jpn. **69** (2000) 2660-2668.

[5] Neel Temperature of  $\alpha$ -Mn Alloys with Nonmagnetic Impurities  
Y. Nakai and Y. Tsunoda: J. Phys. Soc. Jpn. **69** (2000) 292

[6] Atomic Concentration Wave in PtV and PdV Alloys  
A. Murakami and Y. Tsunoda:  
Phys. Rev. B **61** (2000) 5998

[7] Atomic Short-Range Order and Magnetism in  $Pt_{1-x}Cr_x$  Alloys  
Y. Tsunoda, M. Hirano, M. L. Crow and J. L. Robertson:  
Phys. Rev. B **62** (2000) 5570

[8] Diffuse Satellite Peaks in Ferromagnetic  $Pd_{97.5}Mn_{2.5}$  Alloy  
Y. Tsunoda, A. Harigae, J. L. Robertson and M. L. Crow:  
Phys. Rev. B **62** (2000) 9511

[9] Pressure-Induced Change of the Interlayer Exchange Interaction from Ferromagnetic to Antiferromagnetic in  $Cs_2CuF_4$  Observed by Neutron Scattering Experiments to 2 GPa  
Hirotaka Manaka, Masakazu Nishi, and Isao Yamada  
High Pressure Research **17** (2000) pp. 171-177.

[10] Pressure-Induced Weak Moment in the Two-Dimensional Antiferromagnet  $(C_2H_5NH_3)_2CuCl_4$   
Hirotaka Manaka, Masakazu Nishi, and Isao Yamada  
Proceedings of the Second International Workshop on Neutron Scattering under High Pressure at Dubna, Russia (NSHP-II), High Pressure Research **17** (2000) pp. 187-192.

**1999年**      10本

[1] Spin-Glass Properties of Heusler Type Alloys  $Cu_2Mn_{1-x}Ti_xAl$   
K. Motoya, S. Kubota and K. Nakaguchi:  
J. Phys. Soc. Jpn. **68** (1999) 2351

[2] Magnetic Structures of Ternary Rare-Earth Compounds, TbNiSn and DyNiSn

S. Kawano, Y. Andoh and M. Kurisu:

Journal of Physics and Chemistry of Solids, Volume **60**, Issues 8-9, 10 September 1999, Pages 1205-1207.

[3] Neutron diffraction studies of rare earth compound Nd<sub>7</sub>Ni<sub>3</sub> in a magnetic field,

X. Xu, S. Kawano, T. Tsutaoka, Y. Andoh, M. Kurisu, G. Nakamoto,

Y. Nakamori, T. Tokunaga and H. Kadomatsu,

Journal of Physics and Chemistry of Solids, **60** (1999) pp.1209-1212. (1999, Sep.10)

[4] Competing anisotropy origin hysteretic behavior of the mixed Ising-XY antiferromagnet Fe<sub>0.50</sub>Co<sub>0.50</sub>TiO<sub>3</sub> in magnetic fields: A. Ito, C. Uchikoshi, A. Fukaya, S. Morimoto, K. Nakajima and K. Kakurai:

Journal of Physics and Chemistry of Solids, Volume **60**, Issues 8-9, 10 September 1999, Pages 1233-1235

[5] Spin Liquid State in ZnFe<sub>2</sub>O<sub>4</sub>

K. Kamazawa, Y. Tsunoda, K. Odaka and K. Kohn:

Journal of Physics and Chemistry of Solids, Volume **60**, Issues 8-9, 10 September 1999, Pages 1261

[6] Atomic Short Range Order of PtV and PdV Alloys

A. Murakami and Y. Tsunoda:

Journal of Physics and Chemistry of Solids, Volume **60**, Issues 8-9, 10 September 1999, Pages 1507

[7] A Neutron Detector System by Using a Thermal Luminosity

M. Hidaka, K. Tanaka, M. Yoshimura, Y. Kawamura, S. Watanabe, H. Yoshizawa and Y. Fujii:

Journal of Physics and Chemistry of Solids, Volume **60**, Issues 8-9, 10 September 1999, Pages 1615

[8] Neutron Inelastic Scattering Study on Single Crystal of Tb<sub>2</sub>Ti<sub>2</sub>O<sub>7</sub>, a Magnetically Frustrated Pyrochlore System

M. Kanada, Y. Yasui, M. Ito, H. Harashina, M. Sato, H. Okumura and K. Kakurai:

J. Phys. Soc. Jpn. **68** (1999) 3802.

[9] Spin-density-wave clusters in Pd<sub>1-x</sub>Cr<sub>x</sub> spin-glass alloys

M. Hirano and Y. Tsunoda

Phys. Rev. B **59** (1999) 13835-13839 JUN 1.

[10] Neutron Scattering Study of Ordered Mn<sub>3</sub>Ir Alloys

I. Tomeno, H. Fuke, H. Iwasaki, M. Sahashi and Y. Tsunoda:

J. Appl. Phys. **86** (1999) 3853

**1998 年**      7 本

[1] NMR and Neutron Scattering Studies of Metallic Phase of (V<sub>1-x</sub>Ti<sub>x</sub>)<sub>2</sub>O<sub>3</sub>

K. Motoya, K. Nakaguchi, A. Nakaju, K. Ishiguchi, T. Kawasaki, M. Itoh, Y. Ueda and S. Shin

: J. Magn. Magn. Mater. **177-181** (1998) 593

[2] A New Thermo-Lumino Neutron Detector

M. Hidaka, H. Akiyama, H. Fujii, H. Yoshizawa, Y. Kawamura and Y. Fujii:

Physica. B **241-243** (1998) 127

[3] "Magnetic structure of rare - earth intermetallic compound, DyNiSn",

S. Kawano, Y. Andoh and M. Kurisu:

J. Magn. & Magn. Mater. Vol. **182** (1998) pp. 393-395

[4] Neutron Diffraction Studies of Rare Earth Compound, Nd<sub>7</sub>Ni<sub>3</sub>

X. Xu, S. Kawano, T. Tsutaoka, H. Fukuda, T. Tokunaga, Y. Andoh, M. Kurisu, and G. Nakamoto:

Proceedings of International Conference of Neutron Scatterings 1997 at Toronto,  
PhysicaB **241-243** (1998) 742

[5] Incommensurate Magnetic Structures in Transition-Metal Alloys

Y. Tsunoda:

J. Magn. Magn. Mater. **177-181** (1998) 1337-1342

[6] Modulated Spin Structure of the Enhanced Ferromagnet Pd<sub>85</sub>Fe<sub>15</sub>

Determined Using Polarized and Unpolarized Neutron Scattering

R. Abe, Y. Tsunoda, M. Nishi and K. Kakurai:

J. Phys.: Condensed Matter **10** (1998)L79

[7] Neutron Diffraction Study of α-Mn Fine Particles

Y. Tsunoda, T. Ishikawa, H. Nakano and S. Matsuo:

J. Phys. Soc. Jpn. **67** (1998) 1791

1997年 7本

[1] Magnetic Property of  $\text{CeNiC}_2$  Studied by Macroscopic and Microscopic Measurements

K. Motoya, K. Nakaguchi, N. Kayama, K. Inari, J. Akimitsu, K. Izawa and T. Fujita:

J. Phys. Soc. Jpn. **66** (1997) 1124

[2] Magnetic structure of  $\text{TbNiSn}$  single crystal,

Y. Andoh, M. Kurisu, and S. Kawano,

Physica B, **237-238** (1997) pp.575-576. (1997, Jul.)

[3] Neutron diffraction studies of rare earth compound,  $\text{Nd}_7\text{Ni}_3$ ,

Xun Xu, S. Kawano, T. Tsutaoka, H. Fukuda, T. Tokunaga, Y. Andoh, M. Kurisu,

and G. Nakamoto,

Physica B, **241-243** (1997) pp.742-744. (1997, Dec.)

[4] Twisting of the SDW in Cr

Yorihiko Tsunoda

Physica B: Condensed Matter, Volumes **237-238**, July (1997), Pages 436-439

[5] Incommensurate Spin Modulation in Ferromagnetic PtFe and PdFe alloys

Y. Tsunoda and R. Abe

Physica B: Condensed Matter, Volumes **237-238**, July 1997, Pages 458-459

[6] Oscillatory Spin Modulation in Ferromagnetic Disordered Alloys  $\text{Pd}_{1-y}\text{Fe}_y$  and  $\text{Pt}_{1-x}\text{Fe}_x$

Y. Tsunoda and R. Abe:

Phys. Rev. B **55** (1997) 11507

[7] Spin-Density-Wave Clusters in PdMn Spin-Glass Alloys

Y. Tsunoda, N. Hiruma, J. L. Robertson and J. W. Cable:

Phys. Rev. B **56** (1997) 11051



1996年 1本

[1] SDW in Cr under the Magnetic Field

Y. Tsunoda and R. M. Nicklow

J. Phys. Cond Matt. **8** (1996) 2655-2662.

1995年 4本

[1] Magnetic Correlation and Excitation of Concentrated Metallic Spin-Glasses

K. Motoya, S. Kubota and S. M. Shapiro:

J. Magn. Magn. Mater. **140-144** (1995) 75

[2] Magnetic Structure of Monoclinic  $\text{Co}(\text{HCOO})_{22}(\text{NH}_2)_2\text{CO}$

S. Kawano, Y. Nakai, N. Matsugaki, N. Achiwa and K. Yamagata:

Physica B **213 & 214** (1995) 265

[3] Temperature Variation of Magnetic Moments in  $\alpha$ -Mn(Sn)

Y. Nakai and Y. Tsunoda:

J. Phys. Soc. Jpn. **64** (1995) 1748

[4] Magnetic Structure and Structural Phase Transition of Gamma-Fe Precipitates in Cu

Y. Tsunoda,

Memoirs of the School of Science & Engineering Waseda Univ. **59** (1995) 115-141.