Curriculum Vitae

I. Personal Details

Name: Akihiko Saito

Date of Birth: 20th September 1944

Address: 5-52-206, Takatori 2-chome, Sawara-ku, Fukuoka City,

Japan Code: 814-0011

II. Academic Qualification

PhD : From Kyusyu University, in 1982, Doctor of Engineering

MSc: From Kyusyu University, in 1971, Master of Engineering

BSc: From Kyusyu University, in 1969, Bachelor of Engineering

III. Work Experience

President in 2001, Fukuoka Jo-Gakuin University Administrative work until 2009

Professor in 1996, Faculty of Education, Tottori University

Associate Professor in 1984, Faculty of Engineering, Tottori University

Research Associate in 1974, Faculty of Engineering, Tottori University

Research work and Teaching in Department of Electrical Engineering, Faculty of Engineering of Tottori University and Department of Technology-Education, Faculty of Education of Tottori University.

IV. Publications / Books

I published about 60 papers on several academic societies since 1977. The main papers contributed to academic societies are as follows;

1. The magnetization change of silicon iron alloys due to plastic deformation by the application of tension Journal of Appl. Elec-mag.in Mat.,6, 667-670 １９９５
2. Effects of tensile stress on the magnetization properties of Co base amorphous wires IEEE Trans. on Magnetics ,31,6, 3140-3142 １９９５

3. Domain Structure and Magnetostriction of Grain Oriented Silicon Steel Sheets under Stress Journal of Electrical Engineering in Slovakia １９９８
4. " Toward the lecture of easy to understand " Co-author By an investigation committee of teaching method of Tottori University 2000.
5. Heat Treatment Effect on Stress-Magnetization Change of Amorphous Ribbons due to Induced Anisotropy Field. 2002, The 8th KSEEE-JSAEM Joint Conference, Nairobi, KENYA
6. Strain-Magnetization Properties and Domain Structures of Silicon Steel Sheets Journal of Electrical Engineering Japan. 2002

V. Conferences / Presentation

I attended more than 180 conferences and presented same number of presentations.

VI. Papers presented

1. Magnetic and Mechanical Properties of Silicon Steel Sheets Containing 4.5%~7.5% Si
   By Kenji NARITA and Akihiko SAITO Engineering Bulletin of Kyusyu University Vol. No.6 pp.827-833 (1972)
2. Influence of Elastic Stress on the Static Magnetic Characteristics of Iron-Silicon Alloy
   Tadashi SASAKI, Akihiko SAITO and Kenji NARITA
   Engineering Bulletin of Kyusyu University Vol.47. No.1. pp.19-26(1974)
3. Effect of Elastic Tensile Stress on the Static Magnetic Characteristics of 3% Si-Fe Single Crystal.
   Akihiko SAITO, Jouji UESHIMA, Fujio TATSUNAMI, Hiroshi NAKAMURA, Kenji Narita
   REORTS OF THE FACULTY OF ENGINEERING TOTTORI UNIVERSITY JAPAN
   Vol.7. No.1. pp15-24 (1976)
4. Effect of Statically or Repeatedly Applied Elastic Tensile Stress on the Static Magnetic Characteristics of Si-Steel Sheets.
   By Kenji NARITA (Faculty of Eng., Dep. of Electrical Eng. Kyusyu University)
   Akihiko SAITO (Faculty of Eng. Department of Elec. Eng. Tottori University)
   Hiroshi NAKAMURA (Faculty of Eng. Department of Elec. Eng. Tottori University)
   Journal of Electrical Eng. Institute of Electrical Eng. JAPAN
   Vol.97. No.2 pp85-92 (1977)
5. Influence of Elastic Tensile Stress on the Static Magnetic Characteristics of

Amorphous Magnetic Alloys.
By Akihiko SAITO, Hideo KANEDA, Hiroshi NAKAMURA (Tottori Univ.) , Jiro YAMASAKI, Hirotoshi FUKUNAGA and Kenji Narita (Kyusyu Univ.)
Reports of the Faculty of Engineering TOTTORI UNIVERSITY
Vol.9, No.1, pp26-36 (1978)

6. Effect of Tensile Stress on the Domain Structure of Grain-Oriented Silicon Steel
By Akihiko SAITO, Hiroshi NAKAMURA (Tottori UNIV.) Kenji NARITA (Kyusyu Univ)
Reports of the Faculty of Engineering TOTTORI UNIVERSITY
Vol.9, No.1, pp37-44 (1978)

7. EFFECTS OF TENSILE STRESSES ON THE MAGNETIZATION PROCESSES OF NON-ORIENTED 3% SILICON STEEL SHEETS
By A.SAITO, H.NAKAMUEA (Tottori univ.) and K.NARITA (Kyusyu Univ.)
Journal of magnetism and magnetic materials
Volume 19, No.1. pp.69-71 (1980)

8. MAGNETIZATION PROCESS AND MAGNETOSTRICTION OF A FOUR PERCENT SI-FE SINGLE CRYSTAL CLOSE TO (110) [001]
By M. Imamura, T. Sasaki, A. Saito
IEEE Transactions on Magnetism on Magnetics, Vol. MAG-17, No.5 pp.2479-2485 (1981)

9. Preparation and Magnetic Properties of FE-B-(C,Si,Co) Amorphous Alloys
By Akihiko SAITO and Kazumasa KOYAMA
Reports of Faculty of Engineering TOTTORI UNIVERSITY JAPAN
Vol.12. No.1, pp. 58-68 (1981)

10. Demagnetization-stress Effect in Fe-Si Alloys
By Akihiko SAITO(Tottori Univ.) and Kenji Narita(Kyusyu Univ.)
Reports of Faculty of Engineering TOTTORI UNIVERSITY JAPAN
Vol.12. No.1, pp. 69-76 (1981)

11. Reversible Magnetization Change due to Repeatedly Applied Tensile Stress in 3% Si-Fe Single Crystals.
By Akihiko SAITO, Hiroshi NAKAMURA (Tottori Univ.) Kenji NARITA (Kyusyu Univ.) Trans. IEE of Japan, Vol. 1010-A, No.12 pp.625-632 (1981)

12. Irreversible Magnetization Change due to Applied Tensile Stress in 3% Si-Fe Single Crystal.
By Akihiko SAITO (Tottori Univ.) Kenji NARITA(Kyusyu Univ.)
Trans. IEE of Japan, Vol. 102-A, No.6. pp.365-371 (1982)

13. Magnetostriction and Magnetization Process of 3% Silicon Single Crystal under Stress
By A.SAITO, Y.TAKEYAMS (Tottori Univ), T. SASAKI, and Masaaki IMAMURA
Reports of Faculty of Engineering TOTTORI UNIVERSITY JAPAN

Vol.13. No.1, pp. 26-33 (1982)

14. DC and AC CHARACTERISTICS OF Co BASE PMORPHOUS CORES FOR SWITCHING APPLICATIONS
By A. SAITO (Tottori Univ.), M. Imamura, H. Miyanagi, T.Sasaki
INTELEC83 CH1855-5/ IEEE pp.395-399 (1983)

15. Reversible Magnetization Change due to Applied Compressive Stress in 3% Si-Fe Single Crystals
By Akihiko SAITO, Yasushi TAKEYAMA
Reports of Faculty of Engineering TOTTORI UNIVERSITY JAPAN
Vol.14. No.1, pp. 116-123 (1982)

16. Magnetic Properties of C0 Base Amorphous Magnetic Alloys
By Akihiko SAITO, Nobuo Hirata, Yuuichi IHSIKAWA and Keisuke EBISUTANI
Reports of Faculty of Engineering TOTTORI UNIVERSITY JAPAN
Vol.17. No.1, pp. 27-33 (1986)

17. Magnetic Properties of Rapidly Quenched High Silicon-Steel Ribbons.
By Akihiko SAITO, Youichi SUZUKI and Keisuke EBISUTANI
Reports of Faculty of Engineering TOTTORI UNIVERSITY JAPAN
Vol.17. No.1, pp. 27-33 (1986)

18. Influence of Various Kind of Stresses on Amorphous Soft Magnetic Materials
By Akihiko SAITO, Kouichi MATSUO and Keisuke EBISUTANI
Reports of Faculty of Engineering TOTTORI UNIVERSITY JAPAN
Vol.20. No.1, pp. 27-34 (1989)

19. Stress Effect on Amorphous Soft Magnetic Ribbons
By Akihiko SAITO, D.B.O.Konditi and Keisuke EBISUTANI
Reports of Faculty of Engineering TOTTORI UNIVERSITY JAPAN
Vol.21. No.1, pp. 91-99 (1990)

20. Report of Soft Magnetic Materials 10 (conference held at Dresden of Germany in September 11th of 1991)
The Contributed News Letter of Institute of Soft Magnetic Material Japan
By Akihiko SAITO
Vol.1 No.2 December 29th (1991)

21. Reversible and Irreversible Magnetization Change due to Tensile Stress
By Akihiko SAITO and Kennichi YAMAMOTO
Reports of Faculty of Engineering TOTTORI UNIVERSITY JAPAN
Vol.22. No.1, pp. 83-92 (1991)

22. MAGNETIC PROPERTIES OF BENT AMORPHOUS RIBBONS
By A. Saito, D.B.O.Konditi, K. Yamamoto, T.Tamura and K.Ebisutani
Proceedings of the Second Japanese-Polish Joint Seminar on Electromagnetic Phenomena in Materials and Computational Techniques

International Journal of AEM Vol.3 pp.197-206 (1992)

23. LAZRGE STRESS EFFECTS ON MAGNETIC PROPERTIES OF AMORPHOUS RIBBONS
By A. Saito, K. Yamamoto, D.B.O. Konditi, T. Tamura and K.Ebisutani
Proceedings of the Second Japanese-Polish Joint Seminar on Electromagnetic Phenomena in Materials and Computational Techniques
International Journal of AEM Vol. 3 pp.221-228 (1992)

24. Stress Magnetization Hysteresis Properties of Amorphous Ribbons
By A.Saito and K. Yamamoto (Tottori Univ.)
Proceedings of Institute of Japan Applied Magnetics Vol.16.No2. pp205-208 (1992)

25. Stress Magnetization Properties of Grain Oriented Silicon Steel Sheets Due to the Change of Angle from Rolling Direction.
By A.Saito, K.Yamamoto (Tottori Univ.) and T.Nozawa(New Nippon Steel Coop.)
Proceedings of Institute of Japan Applied Magnetics Vol.16.No2. pp209-212 (1992)

26. Decrease of magnetization in positive magnetostriction material due to tensile stress
By Akihiko Saito, Kenn-ichi Yamamono, and Kazunori Yamane (Tottori Univ.)
Journal of Magnetism and Magnetic Materials Vol.112 pp17-19 (1992)

27. Reversible and irreversible magnetization changes of amorphous ribbons due to stress
By Akihiko Saito, Ken-ichi Yamamoto and Shigeru Ueda (Tottori Univ)
Journal of Magnetism and Magnetic Materials Vol.112 pp41-43 (1992)

28. Effect of stress on tertiary recrystallized silicon iron
By Akihiko Saito, Ken-ichi Yamamoto (Tottori Univ.) Kazushi Ishiyama and Ken-ichi Arai (Tohoku Univ.)
Journal of Magnetism and Magnetic Materials Vol.112 pp229-231 (1992)

29. Effect of stress on amorphous bent cores
By Akihiko Saito, Ken-ichi Yamamoto and Osamu kunimori (Tottori Univ.)
Journal of Magnetism and Magnetic Materials Vol.112 pp278-280 (1992)

30. Two Dimensional Magnetization Properties of Grain Oriented Silicon Steel due to Stress
By Akihiko SAITO, Shigeru UEDA, Ken-ichi and Shinichi Murashige (Tottori Univ.)
Reports of Faculty of Engineering TOTTORI UNIVERSITY JAPAN
Vol.23. No.1, pp. 29-37 (1992)

31. Effects of Heat Treatment on the Stress-Magnetization Properties of Amorphous Ribbons.
By A.Saito and K.Yamamoto (Tottori Univ.)
Proceedings of Institute of Japan Applied Magnetics Vol.17.No2. pp201-204 (1992)

32. Domain Structure Change in Grain Oriented Silicon Steel Sheets Due to Compressive Stress

By A. Saito, S. Ueda, K.Yamamoto, S. Murashige and J.N. Nderu (Tottori Univ.)
Proceedings of Institute of Japan Applied Magnetics Vol.17.No2. pp241-246 (1992)

33. Two Dimensional Stress Effects on the Magnetization Properties of Grain Oriented Silicon Steel Sheets.
By Akihiko Saito, Ken-ichi Yamamoto and Shigeru Ueda (Tottori Univ.)
Proceedings of the Second International workshop on Two-Dimensional Magnetic measurement and its Properties pp.109-118 (1992)
34. Stress-Magnetization Properties of Grain Oriented Silicon Steel Sheets with Various Angles from Rolling Direction.
By Akihiko SAITO, Shinnichi MURASHIGE, J.N.NDERU and Shigeru UEDA
Reports of Faculty of Engineering TOTTORI UNIVERSITY JAPAN
Vol.24. No.1, pp. 89-96 (1993)
35. Two-dimensional stress-magnetization effects of grain-oriented silicon steel sheets.
By Akihiko Saito, Shinichi Murashige and Yuji Uehara
Journal of Magnetism and Magnetic Materials vol.133 pp.174-176 (1994)
36. Application of amorphous ribbon as a stress sensor
By Akihiko Saito, Kazumasa Kuwata and Kenichi Yamamoto
Journal of Magnetism and Magnetic Materials vol.133 pp.627-629 (1994)
37. Stress Magnetization Properties of Amorphous Soft Magnetic Ribbons
By Akihiko Saito and Kenichi Yamamoto
Trans. IEE of Japan, Vol.114-A, No.7/8 pp.535-540 (1994)
38. DOMAIN STRUCTURE AND MAGNETIZATION PROPERTIES OF GRAIN ORIENTED SILICON STEEL SHEETS DUE APPLICATION OF STRESS
A.Saito — K.Yamamoto — S.Ueda
（ELEKTROTECHN. CAS.,45（1994）, NO. 3, pp81－85）
39. Magnetization Properties of Grain-Oriented Silicon Steel Sheets Due to the Application and Removal of Compressive Stress
A.Saito, S.Ueda, Ｓ.Murashige and J.N.Nedra
（Proceedings of Japan Applied Magnetics Society Vol.18, No2, pp437－442 1994）
40. Two_Dimensional Stress_Magnetization Properties of Grain_Oriented Silicon Steel Sheets
A.Saito, S.Murashige, S.Ueda, and J.N.Nderu
（日本応用磁気学会誌 Vol.18, No2, pp443－448 1994）
41. Stress Magnetization Properties of Grain Oriented Silicon Steel under Compressive Stress
Akihiko SAITO, Shigeru UEDA, Shinichi MURASHIGE, J.N.NDERU

(Proceedings of Japan Applied Magnetics Society Vol.2, No1, pp36－40 1994)

42. Magnetic Properties of Magnetic Core for Ignition Coil
Akihiko SAITO and Akihiko NAGAOKA
(REPORTS OF THE FACULTY OF ENGINEERING TOTTORI UNIVERSITY JAPAN Vol.25, No.1, pp51－56 1994)

43. Stress_Magnetization Properties of Silicon Iron Steel Sheets under Plastic Stress
Yoshiharu MINAMI, Shinichi MURASHIGE and Akihiko SAITO
(REPORTS OF THE FACULTY OF ENGINEERING TOTTORI UNIVERSITY JAPAN Vol.25, No.1, pp57－63 1994)

44. Magnetization Process of Silicon Iron Single Crystal under Stress
Masaaki HASHIMOTO, Shinichi MURASHIGE, Kumi NAKATA, And Akihiko SAITO
(REPORTS OF THE FACULTY OF ENGINEERING TOTTORI UNIVERSITY JAPAN Vol.25, No.1, pp65－71 1994)

45. PECULIAR MAGNETIZATION CHANGE AND DOMAIN STRUCTURE IN GRAIN ORIENTED SILICON STEEL SHEETS UNDER TENSILE STRESS
A.Saito, S.Murashige, J.N.Nderu, M.Hashimoto and S.Ueda
(JSAEM Studies in Applied Electromagnetics , 3, pp131－134)

46. MAGNETIC PROPERTIES OF AMORPHOUS RIBBONS APPLIED FOR STRESS SENSOR
A.Saito, K.Koubara, Y.Minami, and S.Murashige
(JSAEM Studies in Applied Electromagnetics , 3, pp135－140)

47. THE EFFECT OF STRESS ON THE TWO-DIMENSIONAL MAGNETIZATION CHANGE OF SILICON IRON SINGLE CRYSTALS
A.Saito, S.Murashige, M.Hashimoto, and H.Kobayashi
(Applied Electromagnetics n Materials,6 pp671－674 1995)

48. THE MAGNETIZATION CHANGE OF SILICON IRON ALLOYS DUE TO PLASTIC DEFORMATION BY THE APPLICATION OF TENSION
A.Saito, Y.Minami, and S.Murashige
(Applied Electromagnetics n Materials,6 pp671－670 1995)

49. Magnetization Change in Non-oriented Silicon Steel Sheets Due to Plastic Deformation Resulting from The Application of Tension
Y.Minami, S.Murashige, and A.Saito
(Proceedings of Japan Applied Magnetics Society Vol.19, pp277－280 1995)

50. Stress÷Magnetization Properties of Silicon Steel Sheets
M.Hashimoto, E.Kawaguchi, S.Murashige, and A.Saito
(Proceedings of Japan Applied Magnetics Society Vol.19, pp281－284 1995)

51. Effects of Tensile Stress on the Magnetization Properties of Base Amorphous Wires
J.N.Nderu, M.Nakamura, S.Murashige and A.Saito
(IEEE TRANSACTIONS ON MAGNETICS Vol.31, No.6, pp3140－3142 1995)

52.EFFECT OF HEAT-TREATMENT ON THE STRESS-MAGNETIZATION PROPERTIES OF AMORPHOUS RIBBON WITH NEGATIVE MAGNETOSTRICTION CONSTANT
Akihiko SAITO, Takayuki SUGAHARA , Takahiro YAMASAKI
(REPORTS OF THE FACULTY OF ENGINEERING TOTTORI UNIVERSITY JAPAN Vol.26、No.1, pp127－133 1995)

53. Stress-Magnetization Properties of Grain-Oriented Silicon Steel Sheets Cut at a Declining Angle from the Rolling Direction
S.Murashige, H.Kobayashi, E.Kawaguchi, and A.Saito
(Proceedings of Japan Applied Magnetics Society Vol.20, pp453－456 1996)

54 . Magnetization Change in Non-oriented Silicon Steel Sheets Due to Plastic Deformation Resulting from The Application of Tension
Y.Minami, S.Murashige, and A.Saito
(Proceedings of Japan Applied Magnetics Society Vol.19, pp277－280 1995)

55. Stress÷Magnetization Properties of Silicon Steel Sheets
M.Hashimoto, E.Kawaguchi, S.Murashige, and A.Saito
(Proceedings of Japan Applied Magnetics Society Vol.19, pp281－284 1995)

56. Effects of Tensile Stress on the Magnetization Properties of Base Amorphous Wires
J.N.Nderu, M.Nakamura, S.Murashige and A.Saito
(IEEE TRANSACTIONS ON MAGNETICS Vol.31, No.6, pp3140－3142 1995)

57.EFFECT OF HEAT-TREATMENT ON THE STRESS-MAGNETIZATION PROPERTIES OF AMORPHOUS RIBBON WITH NEGATIVE MAGNETOSTRICTION CONSTANT
Akihiko SAITO, Takayuki SUGAHARA , Takahiro YAMASAKI
(REPORTS OF THE FACULTY OF ENGINEERING TOTTORI UNIVERSITY JAPAN Vol.26、No.1, pp127－133 1995)

58. Stress-Magnetization Properties of Grain-Oriented Silicon Steel Sheets Cut at a Declining Angle from the Rolling Direction
S.Murashige, H.Kobayashi, E.Kawaguchi, and A.Saito
(Proceedings of Japan Applied Magnetics Society Vol.20, pp453－456 1996)

59 . Magnetization Change in Non-oriented Silicon Steel Sheets Due to Plastic Deformation Resulting from The Application of Tension
Y.Minami, S.Murashige, and A.Saito
Proceedings of Japan Applied Magnetics Society Vol.19, pp277－280 1995)

60. Stress÷Magnetization Properties of Silicon Steel Sheets
M.Hashimoto, E.Kawaguchi, S.Murashige, and A.Saito
(Proceedings of Japan Applied Magnetics Society Vol.19, pp281－284 1995)

61. Effects of Tensile Stress on the Magnetization Properties of Base Amorphous Wires
J.N.Nderu, M.Nakamura, S.Murashige and A.Saito
(IEEE TRANSACTIONS ON MAGNETICS Vol.31, No.6, pp3140－3142 1995)

62.EFFECT OF HEAT-TREATMENT ON THE STRESS-MAGNETIZATION PROPERTIES OF AMORPHOUS RIBBON WITH NEGATIVE MAGNETOSTRICTION CONSTANT
Akihiko SAITO, Takayuki SUGAHARA , Takahiro YAMASAKI
(REPORTS OF THE FACULTY OF ENGINEERING TOTTORI UNIVERSITY JAPAN Vol.26、No.1, pp127－133 1995)

63. Stress-Magnetization Properties of Grain-Oriented Silicon Steel Sheets Cut at a Declining Angle from the Rolling Direction
S.Murashige, H.Kobayashi, E.Kawaguchi, and A.Saito
(Proceedings of Japan Applied Magnetics Society Vol.20, pp453－456 1996)
(J. ELECTRICAL ENGINEERING, No.8 pp84－87 1997)

64. DOMAIN STRUCTURE AND MAGNETOSTRICTION OF GRAIN ORIENTED SILICON STEEL SHEETS UNDER STRESS
Takeshi Yamamoto, Akira Siuchi, Akihiko Saito,
Andreas Hasenzagl, Helmut Pfutzner
(J. ELECTRICAL ENGINEERING, No.8 pp88－91 1997)

65. Strain-Magnetization Properties of Silicon Steel Sheet under the Stress of Plastic Deformation Region
A.Notoji, Y.Minami, M.Hayakawa, R.Kikugawa, A.Saito
(Applied Electromagnetics and Computational Technology pp61－66 1997)

66. Strain-Magnetization Properties and Domain Structures of Silicon Steel sheets with Stress Applied to Plastic Deformation Regions
A.Notoji, R.Kikugawa、N.Fujii, M.Hayakawa, and A.Saito
(Proceedings of Japan Applied Magnetics Society Vol.22, pp657－660 1998)

67. The effect of heat treatment on the Co-based amorphous wire
J.Fujii, T.Nagata, A.saito, J.N.Nderu, and J.Yamasaki
(J.Phys. iv France 8 pp31-34 1998)

68. Magnetostriction and magnetic Domain structure changes of grain oriented Si-Fe sheets
T.Yamamoto, A.Shiuchi, A.Saito, Y.Okazaki, A.Hasenzagi, and H.Pfutzner
(J.Phys. iv France 8 pp511－514 1998)

69. Field distributions in rotational single sheet testers
A.Hasenzagi, H.Pfutzner, A.Saito, and Y.Okazaki,
(J.Phys. iv France 8 pp681－684 1998)

70. Fuzzy logic control system for the excitation of a 3－phase single sheet tester
A.Hasenzagi, H.Pfutzner, A.Saito, and Y.Okazaki,
(J.Phys. iv France 8 pp685－688 1998)

71. Effect of Heat Treatment on the Magnetization Changes of Amorphous Ribbon under the Stress
Y.Iwami, T.Yamasaki, T.Shimizu, M.Ohkita, and A.Saito
(Non-Linear Electromagnetic Systems 1998 pp551－554)

72. MAGNETIZATION PROPERTIES OF GRAIN-ORIENTED SILICON STEEL SHEETS DUE TO BENDING STRESSES
H.IWASAKI, S.MURASHIGE, M.OHKITA、and A.SAITO
(Journal of Technical Physics, J.Tech.Phys.,39 pp465－467 1998)

73. Magnetostriction and Magnetic Properties of Grain Oriented Si-Fe Sheet due to Stress
By A. Shiuchi, E. kawaguchi, S.Murashige,, R.Konishi, A.Saito and H.pfuzner
ROUMANIE ACADEMIE Electrotechn Engineering. P.379-402 (1998)

74. Effect of stress on the energy-sdavng
By Akihiko SAITO
Institute of Japan applied Electromagnetics and maechanics Vol.2.No.3 pp.255-260 (1999)

75. Effect of magnetic annealing on magnetization changes of amorphous ribbon under stress
By Y.Iwami, Y.Okazaki,.T.shimizu, T.Hirakawa and A.Saito
Journal of Magnetism and Magnetic Materials vol.215 pp.443-445 (2000)

76. Magnetization Properties and Domain Structures of Grain-Oriented Silicon Steel sheets Due to Bending Stress
By Akihiko Saito, Takeshi Yamamoto and Hirofumi Iwasaki (Tottori Univ.)
IEEE TRANSACTIONS ON MAGNETICS VOL.36 NO.5 pp.3078-3080 (2000)

77. Strain-Magnetization Properties and Domain Structure Change of Silicon Steel Sheers Due to Plastic Stress
By Atsushi Notoji, Motozo Hayakawa and Akihiko Saito
IEEE TRANSACTIONS ON MAGNETICS, VOL.36,NO5 pp.3074-3077 (2000)

78. TWO DEMENSIONAL STRESS-MAGNETIZATION EFFECT IN GRAIN ORIENTED SILICON STEEL SHEETS
By Akihiko Saito
1&2- Dimensional Magnetic Measurement and Testing(Bad Gastein,) pp. 180-184 (2000)

79. Peculiar Effect of Heat Treatment on the Stress-magnetization of Co-Based Amorphous Ribbons.

By Yoshio Iwami, Yasuo Okazaki and Akihiko Saito
Proceedings of Japan Applied Magnetics Society Vol.26. No.4 pp.518-521 (2002)

80. Unique stress-mgnetization change of Co-based amorphous ribbon due to magnetic field heat treatment
By Yoshio Iwami, Yauso Okazaki and Akihiko Saito
Journal of Magnetism and Magnetic Materials vol.254 pp.127-129 (1994)

81. Magnetic Anisotropy Due to Heat Treatment of Co-Based Amorphous Ribbons
By Yoshio Iwami, Yasuo Okazaki and Akihiko Saito
Proceedings of Institute of Japan Applied Magnetics Vol.27.No4. pp379-384 (2003)

82.. Stress-magnetization change in amorphous ribbon due to magnetic field heat treatment
By Yoshio Iwami, Yasuo Okazaki and Akihiko Saito
International Journal of Applied Electromagnetic and Mechanics vol.13 pp.311-316 (2002)

83. Strain-Magnetization Properties and Domain Structures of Silicon Steel Sheets
By Atsushi Notoji, Akihiko Saito and Motozo Hayakawa
Trans. IEE of Japan, Vol.123, No.9 pp.827-832 (2003)