

Cumulative Index to Volumes I~IX

A

- Abū Kāmil.** Transmission of Indeterminate Equations as Seen in an Istanbul Manuscript of, Martin LEVEY IX, 17
- ACHIWA, Goro.** On the First Anatomical Chart in Japan. V, 193
- African Universities after World War II.** Science Education in Tropical, Chie FUJITA and ERI YAGI VII, 143
- Alchemy.** On the Reconstruction of Chinese, Nathan SIVIN VI, 60
- American-Japanese Scientific and Cultural Contacts in the Late Nineteenth Century.** Science Across the Pacific:, Masao WATANABE IX, 115
- Anatomical Chart in Japan.** On the First, Goro ACHIWA V, 193
- (Anatomy).** L'Entretien nocturne avec l'ombre de Sugita Guenpaku. Suketoshi YAJIMA II, 164
- (Anatomy).** Pancreas known by the Chinese in the Middle Ages. Saburō MIYASHITA VIII, 167
- Anaesthetic.** Mandrake Once Traveled in China as an, Saburō MIYASHITA .V, 189
- Anesthesia and the modern Surgery".** Seishu Hanaoka "Pioneer of the General, Hiromu TAKEBAYASHI VI, 115
- Arts and Modern Technology.** Studies on the History of the Japanese Traditional, Mitukuni YOSIDA I, 135
- Asada Gōryū.** On the Alleged Independent Discovery of Kepler's Third Law by, Shigeru NAKAYAMA VII, 55
- Astrology Contribute to the Development of Astronomy? Did,** Shigeru NAKAYAMA I, 137
- Astronomical Tables in China—From the Wutai to the Ch'ing Dynasties.** Kiyosi YABUTI II, 94
- Astronomical Parameters and the Revival of Trepidation in Japan.** Cyclic Variation of, Shigeru NAKAYAMA III, 68
- Astronomy.** Japanese Studies in the History of, Shigeru NAKAYAMA . . . I, 14
- (Astronomy).** A Study on the *Rekishō Shinsho*. (I), (II). Minoru OHMORI II, 146; III, 81
- Astronomy during the Early Half of 1960's.** Japanese Activities in the History of, Shigeru NAKAYAMA VI, 1
- Atom Model.** The Role of the Chemical Considerations in the Development of Bohr, Sigeko NISIO VI, 26
- Atom Model and Planck's Theory of Radiation.** The Genesis of the Bohr, Tetu HIROSIGE and Sigeko NISIO IX, 35
- Atomic Constitution.** Formation of Bohr's Theory of, Tetu HIROSIGE and Sigeko NISIO III, 6

Atomic Model (1903). On Nagaoka's Saturnian, Eri YAGI	III, 29
Atomic Nucleus. α-Rays and the, Sigeko NISIO	IV, 91
Atomic Model (I)—Dispersion on Light—(1905)—. The Development of Nagaoka's Saturnian, Eri YAGI	VI, 19
Atomic Structure at the Early Stage of the Old Quantum Theory. X-rays and, Sigeko NISIO	VIII, 55
Atomism (I). On Indian, Isao OHAMI	VI, 41
Atomism (IV) Chemical and Physical Models for Atomistic Notion—Its Conceptual Development in Relation to the Evolution of the Concept of Chemical Substance. A Contribution to the History of, Minoru TANAKA	VIII, 125
Atomistic Way of Thinking in Mathematics. A Few Remarks on the, Tamotsu MURATA	VI, 47
Atomistik (I) Ueber die Rolle der Chemischen Forschung beim Werdegang der Modernen Atomistik. Ein Beitrag zur Geschichte der, Minoru TANAKA	I, 111
Atomistik (II) Ueber die Gründe der Verspätung der Anerkennung der Avogadroschen Hypothese. Ein Beitrag zur Geschichte der, Minoru TANAKA	II, 127
Atomistik (III) Ueber Ursprünge skeptischer Auffassungen gegen Atomhy- pothese der Chemie neunzehnten Jahrhunderts. Ein Beitrag zur Geschichte der, Minoru TANAKA	V, 87

B

Ballistical Laws by a Japanese Mathematician and Its Origin. The First, Kiyonobu ITAKURA	II, 136
Balmer to the Combination Principle. From, Sigeko NISIO	V, 50
Biochemistry in Japan. Establishment of, Tatsumasa DOKE	VIII, 145
Biology in Japan. On the Study of the History of, Ryuichi YASUGI and Hisaharu TSUKUBA	I, 35
Biology Recently Published in Japan. Studies of the History of, Teiri NAKAMURA	IV, 60
Bohr's Theory of Atomic Constitution. Formation of, Tetu HIROSIGE and Sigeko NISIO	III, 6
Bohr Atom Model. The Role of the Chemical Considerations in the Development of, Sigeko NISIO	VI, 26
Bohr Atom Model and Planck's Theory of Radiation. The Genesis of the, Tetu HIROSIGE and Sigeko NISIO	IX, 35
Bürger. A Brief Chronology of Dr. Heinrich, Yoshikazu ISHIYAMA . .	IX, 107

C

Calender. A Simple Method for Mental Conversion of a Year expressed in

Cyclical Characters to the Corresponding Year in the Western, Nathan SIVIN	IV, 132
Calendrical Science. Characteristics of Chinese, Shigeru NAKAYAMA . .	IV, 124
Center of Activity: Its Shift from the 16th to the 20th Century. Mitsutomo YUASA	I, 57
Chemical Considerations in the Development of Bohr Atom Model. The Role of the, Sigeko NISIO	VI, 26
Chemical Studies on Ancient Japanese Glass Beads from the Izumi Kyo- zuka (Sūtra Mound), Osaka; the Kyozuka Old Tomb, Osaka; and the Momotani Old Tomb, Kyoto, and Ancient Chinese Glass Disk (Pi), and Glass Bead. Teruko MUROGA	VII, 83
Chemical and Physical Models for Atomistic Notion—Its Conceptual Development in Relation to the Evolution of the Concept of Chemical Substance. A Contribution to the History of Atomism (IV), Minoru TANAKA	VIII, 125
Chemical Study on Some Archaeological Samples from Marlik in Iran. A, Teruko MUROGA	IX, 99
(Chemie). Ein Beitrag zur Geschichte der Atomistik (II) Ueber die Gründe der Verspätung der Anerkennung der Avogadroschen Hypothese. Minoru TANAKA	II, 127
Chemie in Japan (Mitteilung I) Studien über den Prozess der Verpfanzung und Selbständigung der Naturwissenschaften als wesentlicher Teil des Werdegangs modernen Japans. Hundert Jahre der, Minoru TANAKA	III, 89
Chemie in Japan (Mitteilung II) Die Art und Weise der Selbständigung chemischer Forschungen während der Periode 1901–1930. Hundert Jahre der, Minoru TANAKA	IV, 162
Chemie neunzehnten Jahrhunderts. Ein Beitrag zur Geschichte der Atomik (III) Ueber Ursprünge skeptischer Auffassungen gegen Atomhy- pothese der, Minoru TANAKA	V, 87
Chemie in Japan—Einführung und Aufnahme der modernen Materien- begriffe. Einige Probleme der Vorgeschichte der, Minoru TANAKA . .	VI, 96
Chemischen Forschung beim Werdegang der Modernen Atomistik. Ein Beitrag zur Geschichte der Atomistik (I) Ueber die Rolle der, Minoru TANAKA	I, 111
Chemistry in Japan. On the Studies of History of, Yojiro TSUZUKI and Aiko YAMASHITA	IV, 41
Chemistry; A Newtonian Influence on 18th Century Chemistry. Stephen Hales' Work in, Eri YAGI	V, 75
Chemistry of Taste in Japan. History of the, Yojiro TSUZUKI and Aiko YAMASHITA	VII, 1
Chemistry in Japan. A Note on the Development of, Minoru TANAKA . .	VII, 61

Chemistry in Japan. Teaching the History of, Bun-ichi TAMAMUSHI	VIII, 9
China by Japanese Scholars. Studies on the History of Science and Technology in, Mitukuni YOSIDA	I, 7
China—Especially on the Machine-Tool Production. Some Perplexities of the Concepts of Industries, found in the Political Opinions on the Weapon Manufacture, in the Age of the Westernization Movements in, Tetsuo TOMITA	I, 138
China—From the Wutai to the Ch'ing Dynasties. Astronomical Tables in, Kiyosi YABUUTI	II, 94
China. Proto-Endocrinology in Mediaeval, Joseph NEEDHAM and LU Gwei-Djen	V, 150
China as an Anaesthetic. Mandrake Once Traveled in, Saburō MIYASHITA	V, 189
China and West. Educational Institutions and the Development of Scientific Thought in, Shigeru NAKAYAMA	V, 172
Chinese Calendrical Science. Characteristics of, Shigeru NAKAYAMA . .	IV, 124
Chinese Alchemy. On the Reconstruction of, Nathan SIVIN	VI, 60
Chinese Science. Synopsis of History of, Shigeru NAKAYAMA	VIII, 21
Chinese in the Middle Ages. Pancreas Known by the, Saburō MIYASHITA	VIII, 167
Chinese Science. Kyoto Group of the History of, Shigeru NAKAYAMA . .	IX, 1
Civilisations hétérogènes. De l'inertie de la pensée humaine—Ce qu'on voit à rencontre des deux, Suketoshi YAJIMA	II, 154
Copernicanism into Japan. Abhorrence of "God" in the Introduction of, Shigeru, NAKAYAMA	III, 60

D

Darwin's Theories in Japan. Present-day Evaluation of the Ecological Aspects of, Kazuo SIBUYA	I, 117
"Data" of Euclid. On the Medieval Latin Translation of the, Shuntaro ITO	V, 100
Descartes. La Physique de, Eizo YAMAZAKI	VII, 27
Dettonville." Sur l'Irrégularité de Numérotation des Figures dans les "Lettres de, Kokiti HARA	VIII, 33
Diffusion des Sciences Européennes au Japon. Un Aspect de l'Histoire de la, Akira KOBORI	III, 1
Dijksterhuis. Newton's Theory of Dynamics Reexamined by E.J., Masao WATANABE	V, 207
DOKE, Tatsumasa, The Controversy between Liebig and Pasteur. . . .	VI, 87
———, Establishment of Biochemistry in Japan.	VIII, 145
Dutch Learning. Studies of Trajectory in Japan before the Days of, Kiyonobu ITAKURA and Reiko ITAKURA	I, 83

(Dutch Learning). See also **Rangaku**.

E

- Ecological Aspects of Darwin's Theories in Japan.** Present-day Evaluation of the, Kazuo SIBUYA I, 117
- Education in Tropical African Universities after World War II.** Science, Chie FUJITA and Eri YAGI VII, 143
- (Education).** Teaching the History of Chemistry in Japan. Bun-ichi TAMAMUSHI VIII, 9
- Educational Institutions and the Development of Scientific Thought in China and the West.** Shigeru NAKAYAMA V, 172
- Electrodynamics before the Theory of Relativity, 1890-1905.** Tetu HIROSIGE V, 1
- Electromagnetic Field.** Lorentz's Theory of Electrons and the Development of the Concept of, Tetu HIROSIGE I, 101
- Electron of H. A. Lorentz.** Zeeman Effect and the Theory of, Shinji ENDO and Sachie SAITO VI, 1
- Electrons and the Development of the Concept of Electromagnetic Field.** Lorentz's Theory of, Tetu HIROSIGE I, 101
- ENDO, Shinji and Sachie SAITO,** Zeeman Effect and the Theory of Electron of H. A. Lorentz. VI, 1
- Endocrinology in Mediaeval China.** Proto-, Joseph NEEDHAM and LU Gwei-Djen V, 150
- Equations as Seen in an Istanbul Manuscript of Abū Kāmil.** Transmission of Indeterminate, Martin LEVEY IX, 17
- Ether.** Theory of Relativity and the, Tetu HIROSIGE VII, 37
- Euclid.** On the Medieval Latin Translation of the *Data* of, Shuntaro ITO V, 100
- Evolution Theory in Late Nineteenth Century Japan:** A Statistical Analysis of the Contemporary Periodicals. General Academic Trend and the, Masao WATANABE and Yōko OSE VII, 129
- Evolution.** Mendel's Two Genetics Papers Viewed from the Standpoint of, Yosito SINOTŌ VIII, 155
- Evolutionist and Missionary in Japan.** John Thomas Gulick: American, Masao WATANABE V, 140
- Explosives? Who Invented the,** Heizo NAMBO IX, 49

F

- FUJITA, Chie and Eri YAGI,** Science Education in Tropical African Universities after World War II. VII, 143

G

- Galileo and Newton's Problem of World-Formation.** Shigeru NAKAYAMA I, 76

Genetics. Methodological Problems in the History of, Ryuichi YASUGI . III,	108
Genetics Papers Viewed from the Standpoint of Evolution. Mendel's Two, Yosito SINOTŌ	VIII, 155
Gillispie. Between Science and Humanism—On C. C., Eikoh SHIMAO . . V,	211
"God" in the Introduction of Copernicanism into Japan. Abhorrence of, Shigeru NAKAYAMA	III, 60
Gulick, American Evolutionist and Missionary in Japan. John Thomas, Masao WATANABE	V, 140

H

Hales' Work in Chemistry; A Newtonian Influence on 18th Century Chemistry. Stephen, Eri YAGI	V, 75
Hanaoka, "Pioneer of the General Anesthesia and the Modern Surgery." Seishu, Hiromu TAKEBAYASHI	VI, 115
HARA, Kokiti, Sur l'Irrégularité de Numérotation des Figures dans les <i>Lettres de Dettonville</i>	VIII, 33
Harvey and his Theories of Physiology. William, Teiri NAKAMURA IV,	143
HASHIMOTO, Michio, Development of Social Consciousness in the History of Public Health in Japan.	III, 127
HATTORI, Kazutoshi, Tetsuo TOMITA and, History of Science Society of Japan (ed.): <i>Nihon Kagaku-Gijutsu-shi Taikei</i> (History of Science and Technology in Japan), 25 Vols., 1964–1970.	IX, 164
Heat as Used and Developed by Joule in his Investigation. The Dynamic Theory of, Masao WATANABE	I, 94
HIROSIGE, Tetu, Studies of History of Physics in Japan.	I, 26
_____, Lorentz's Theory of Electrons and the Development of the Concept of Electromagnetic Field.	I, 101
_____, Social Conditions of the Researches of Nuclear Physics in Pre- War Japan.	II, 80
_____, and Sigeko NISIO, Formation of Bohr's Theory of Atomic Con- stitution.	III, 6
_____, and Sigeko NISIO, Studies in the History of Physics by Japanese Historians during the Last Few Years.	IV, 28
_____, A Consideration concerning the Origins of the Theory of Relativity.	IV, 117
_____, Electrodynamics before the Theory of Relativity, 1890–1905. . . V, 1	
_____, Theory of Relativity and the Ether.	VII, 37
_____, and Sigeko NISIO, Rise and Fall of Various Fields of Physics at the Turn of the Century.	VII, 93
_____, Source Books in the Modern Physics.	VIII, 17
_____, Activities of Japan's Group for History of Physics.	IX, 5
_____, and Sigeko NISIO, The Genesis of the Bohr Atom Model and	

Planck's Theory of Radiation.	IX, 35
_____, Armin Hermann: <i>Frühgeschichte der Quantentheorie (1899-1913)</i> , Physik Verlag, Mosbach in Baden, 1969, 181 pp.	IX, 161
HSIEH Shin-Hui, Stages in the History of Contemporary Science and Technology.	VII, 115

I

Indian Atomism (I). On, Isao OHAMI	VI, 41
Industries , found in the Political Opinions on the Weapon Manufacture, in the Age of the Westernization Movements in China—Especially on The Machine-Tool Production. Some Perplexities of the Concepts of, Tetsuo TOMITA	I, 138
Iran . A Chemical Study on Some Archaeological Samples from Marlik in, Teruko MUROGA	IX, 99
ISHIGAI, Seikan, Fundamental Factors in the Development of Technics as Manifested in the Sequence of its Historical Stages.	I, 125
ISHIYAMA, Yoshikazu, A Brief Chronology of Dr. Heinrich Bürger. . . IX, 107	
ITAKURA, Kiyonobu and Reiko ITAKURA, Studies of Trajectory in Japan before the Days of Dutch Learning.	I, 83
_____, The First Ballistical Laws by a Japanese Mathematician and Its Origin.	II, 136
ITAKURA, Reiko, Kiyonobu ITAKURA and, Studies of Trajectory in Japan before the Days of Dutch Learning.	I, 83
ITO, Shuntaro, On the Medieval Latin Translation of the <i>Data</i> of Euclid.	V, 100

J

Japan . Studies of History of Physics in, Tetu HIROSIGE	I, 26
Japan . On the Study of the History of Biology in, Ryuichi YASUGI and Hisaharu TSUKUBA	I, 35
Japan . A Survey of the Interest for the History of Medicine in, Yonezo NAKAGAWA	I, 38
Japan's Contributions to the Modern History of Technology. Toshio YAMAZAKI	I, 45
Japan . Die Entwicklung der Theorien vom "Ki" (Chhi) als Grundproblem der Naturphilosophie an Alten, Hiroto SAIGUSA	I, 51
Japan before the Days of Dutch Learning. Studies of Trajectory in, Kiyonobu ITAKURA and Reiko ITAKURA	I, 83
Japan . Present-day Evaluation of the Ecological Aspects of Darwin's Theories in, Kazuo SIBUYA	I, 117
Japan . The History of Research Organization in, Chikayoshi KAMATANI . . II, 1	
Japan . Scientific Revolution in Nineteenth Century, Mitsutomo YUASA . II, 119	

Japan during the Meiji Period. The Magic Mirror as Studied in, Masao WATANABE	III, 48
Japan. Abhorrence of "God" in the Introduction of Copernicanism into, Shigeru NAKAYAMA	III, 60
Japan. Cyclic Variation of Astronomical Parameters and the Revival of Trepidation in, Shigeru NAKAYAMA	III, 68
Japan—Around the Debaton of Importation Patents—. The Origin of Patent System in, Tetsuo TOMITA	III, 114
Japan. On the Studies of History of Chemistry in, Yojiro TSUZUKI and Aiko YAMASHITA	IV, 41
Japan. Studies of the History of Biology Recently Published in Teiri NAKAMURA	IV, 60
Japan, 1961–1965. A Survey of the History of Medicine in, Yonezo NAKAGAWA	IV, 76
Japan: Einführung und Aufnahme der modernen Materienbegriffe. Einige Probleme der Vorgeschichte der Chemie in, Minoru TANAKA	VI, 96
Japan. History of the Chemistry of Taste in, Yojiro TSUZUKI and Aiko YAMASHITA	VII, 1
Japan. A Note on the Development of Chemistry in, Minoru TANAKA	VII, 61
Japan around 1900. On the Market Milk in, Shigeaki SUZUKI	VII, 71
Japan: A Statistical Analysis of the Contemporary Periodicals. General Academic Trend and the Evolution Theory in Late Nineteenth Century, Masao WATANABE and Yōko OSE	VII, 129
Japan (Nihon Sugakushi Gakkai). Activities of "the History of Mathematics Society of, Kazuo SHIMODAIRA	VIII, 1
Japan. Teaching the History of Chemistry in, Bun-ichi TAMAMUSHI	VIII, 9
Japan's Group for History of Physics. Activities of, Tetu HIROSIGE	IX, 5
Japan: 1966–1970. Philosophy of Science in, Hiroshi NAGAI	IX, 13
Japan. The Growth of Scientific Communities in, Mitsutomo YUASA	IX, 137
Japanese Scholars. Studies on the History of Science and Technology in China by, Mitukuni YOSIDA	I, 7
Japanese Mathematics. A Short Note on the History of, Shin-ichi OYA	I, 23
Japanese Traditional Arts and Modern Technology. Studies on the History of the, Mitukuni YOSIDA	I, 135
Japanese Activities in the History of Astronomy during the Early Half of 1960's. Shigeru NAKAYAMA	IV, 1
Japanese Historians of Mathematics during the Last Decade. Activities of, Kazuo SHIMODAIRA	IV, 20
Japanese Historians during the Last Few Years. Studies in the History of Physics by, Tetu HIROSIGE and Sigeko NISIO	IV, 28

Japanese Glass Beads from the Izumi Kyo-zuka (Sūtra Mound), Osaka; the Kyozuka Old Tomb, Osaka; and the Momotani Old Tomb, Kyoto, and Ancinet Chinese Glass Disk (Pi¹), and Glass Bead. Chemical Studies on Ancient, Teruko MUROGA	VII, 83
Japanese Scientific and Cultural Contacts in the Late Nineteenth Century.	
Science Across the Pacific: American-, Masao WATANABE	IX, 115
Japon. Coup d'oeil sur l'histoire des sciences au, Suketoshi YAJIMA I, 3	
Japon. Un Aspect de l'Histoire de la Diffusion des Sciences Européennes au, Akira KOBORI	III, 1
JEON Sang-Woon, Understanding of Science in History of Korea with Emphasis on Scientists in Early 15th Century.	VI, 124
Joule in his Investigations. The Dynamic Theory of Heat as Used and Developed by, Masao WATANABE	I, 94

K

KAMATANI, Chikayoshi, The History of Research Organization in Japan.	II, 1
KATAGIRI, Kazuo, The Schools of Rangaku Scholars.	IV, 173
Kepler's Third Law by Asada Gōryū. On the Alleged Independent Discovery of, Shigeru NAKAYAMA	VII, 55
KOBORI, Akira, Un Aspect de l'Histoire de la Diffusion des Sciences Européennes au Japon.	III, 1
Korea with Emphasis on Scientists in Early 15th Century. Understanding of Science in History of, JEON Sang-Woon	VI, 124
Kyoto Group of the History of Chinese Science. Shigeru NAKAYAMA.	IX, 1

L

Latin Translation of the <i>Data</i> of Euclid. On the Medieval, Shuntaro ITO	V, 100
LEVEY, Martin, Transmission of Indeterminate Equations as Seen in an Istanbul Manuscript of Abū Kāmil.	IX, 17
Liebig and Pasteur. The Controversy between, Tatsumasa DOKE VI, 87	
Lorentz's Theory of Electrons and the Development of the Concept of Electromagnetic Field. Tetu HIROSIGE	I, 101
Lorentz. Zeeman Effect and the Theory of Electron of H. A., Shinji ENDO and Sachie SAITO	VI, 1
LU Gwei-Djen, Joseph NEEDHAM and, Proto-Endocrinology in Mediaeval China.	V, 150

M

Magic Mirror as Studied in Japan during the Meiji Period. The, Masao WATANABE	III, 48
--	---------

Mandrake Once Traveled in China as an Anaesthetic. Saburō MIYASHITA	V, 189
Materienbegriffe. Einige Probleme der Vorgeschichte der Chemie in Japan. Einführung und Aufnahme der modernen, Minoru TANAKA	VI, 96
Mathematics. A Short Note on the History of Japanese, Shin-ichi OYA . . I, 23	
Mathematics during the Last Decade. Activities of Japanese Historians of, Kazuo SHIMODAIRA	IV, 20
Mathematics. A Few Remarks on the Atomistic Way of Thinking in, Tamotsu MURATA	VI, 47
Mathematics Society of Japan (Nihon Sugakushi Gakkai). Activities of "the History of, Kazuo SHIMODAIRA	VIII, 1
Medicine in Japan. A Survey of the Interest for the History of, Yonezo NAKAGAWA	I, 38
Medicine in Japan, 1961–1965. A Survey of the History of, Yonezo NAKAGAWA	IV, 76
Mendel's Two Genetics Papers Viewed from the Standpoint of Evolution. Yosito SINOTŌ	VIII, 155
Milk and Milk Products in the Ancient World. Shigeaki SUZUKI . . . IV, 135	
Milk in Japan around 1900. On the Market, Shigeaki SUZUKI . . . VII, 71	
Milne. The Early Scientific Work of John, John WARTNABY . . . VIII, 77	
Mirror as Studied in Japan during the Meiji Period. The Magic, Masao WATANABE	III, 48
MIURA, Toyohiko, A Short History of Silicosis in Japan.	I, 137
MIYASHITA, Saburō, Mandrake Once Traveled in China as an Anaesthetic.	V, 189
_____, Pancreas Known by the Chinese in the Middle Ages.	VIII, 167
MURATA, Tamotsu, On the Meaning of "Virtualité" in the History of the Set Theory.	V, 119
_____, A Few Remarks on the Atomistic Way of Thinking in Mathematics.	VI, 47
MUROGA, Teruko, Chemical Studies on Ancient Japanese Glass Beads from the Izumi Kyo-zuka (Sūtra Mound), Osaka; the Kyozuka Old Tomb, Osaka; and the Momotani Old Tomb, Kyoto, and Ancinet Chinese Glass Disk (Pi ¹), and Glass Bead.	VII, 83
_____, A Chemical Study on Some Archaeological Samples from Marlik in Iran.	IX, 99
 N	
NAGAI, Hiroshi, Philosophy of Science in Japan: 1966–1970.	IX, 13
Nagaoka's Saturnian Atomic Model (1903). On, Eri YAGI	III, 29
Nagaoka's Saturnian Atomic Model (I)—Dispersion on Light—(1905)—.	

- The Development of, Eri YAGI VI, 19
NAKAGAWA, Yonezo, A Survey of the Interest for the History of Medicine in Japan. I, 38
 ———, A Survey of the History of Medicine in Japan, 1961-1965. . . . IV, 76
 ———, R. H. Shryock: *Medical Licensing in America, 1950-1965*. . . VI, 155
NAKAMURA, Teiri, Studies of the History of Biology Recently Published in Japan. IV, 60
 ———, William Harvey and his Theories of Physiology. IV, 143
NAKAYAMA, Shigeru, Japanese Studies in the History of Astronomy. . . . I, 14
 ———, Galileo and Newton's Problem of World-Formation. I, 76
 ———, Did Astrology Contribute to the Development of Astronomy? . . I, 137
 ———, Accuracy of Pre-Modern Determinations of Tropical Year Length. II, 101
 ———, Abhorrence of "God" in the Introduction of Copernicanism into Japan. III, 60
 ———, Cyclic Variation of Astronomical Parameters and the Revival of Trepidation in Japan. III, 68
 ———, Japanese Activities in the History of Astronomy during the Early Half of 1960's. IV, 1
 ———, Characteristics of Chinese Calendrical Science. IV, 124
 ———, Educational Institutions and the Development of Scientific Thought in China and the West. V, 172
 ———, Joseph Needham, Organic Philosopher. VI, 138
 ———, On the Alleged Independent Discovery of Kepler's Third Law by Asada Gōryū. VII, 55
 ———, Synopsis of History of Chinese Science. VIII, 21
 ———, Kyoto Group of the History of Chinese Science. IX, 1
Nakayama, Shigeru: *A History of Japanese Astronomy, Chinese Background and Western Impact*, Harvard University Press, 1969. Kiyosi YABUUTI VIII, 173
NAMBO, Heizo, Who Invented the Explosives? IX, 49
Naturphilosophie in Alten Japan. Die Entwicklung der Theorien vom "Ki" (Chhi) als Grundproblem der, Hiroto SAIGUSA I, 51
NEEDHAM, Joseph and LU Gwei-Djen, Proto-Endocrinology in Mediaeval China. V, 150
Needham, Organic Philosopher. Joseph, Shigeru NAKAYAMA . . . VI, 138
 Newton's Problem of World-Formation. Galileo and, Shigeru NAKAYAMA . I, 76
 Newtonian Influence on 18th Century Chemistry. Stephen Hales' Work in Chemistry; A, Eri YAGI V, 57
Newton's Quantitas Materiae. Masao WATANABE and Masakazu YOSHINAKA IX, 27
NISIO, Sigeiko, Tetu HIROSIGE and, Formation of Bohr's Theory of Atomic

Constitution	III, 6
_____, Tetu HIROSIGE and, Studies in the History of Physics by Japanese Historians during the Last Few Years.	V, 28
_____, α -Rays and the Atomic Nucleus.	IV, 91
_____, From Balmer to the Combination Principle.	V, 50
_____, The Role of the Chemical Considerations in the Development of Bohr Atom Model.	VI, 26
_____, Tetu HIROSIGE and, Rise and Fall of Various Fields of Physics at the Turn of the Century.	VII, 93
_____, X-rays and Atomic Structure at the Early Stage of the Old Quantum Theory.	VIII, 55
_____, Tetu HIROSIGE and, The Genesis of the Bohr Atom Model and Planck's Theory of Radiation.	IX, 35

O

OHAMI, Isao, On Indian Atomism (I).	VI, 41
OHMORI, Minoru, A Study on the <i>Rekishō Shinsho</i>	II, 146
_____, A Study on the <i>Rekishō Shinsho</i> (II)	III, 81
OSE, Yōko, Masao WATANABE and, General Academic Trend and the Evolution Theory in Late Nineteenth Century Japan: A Statistical Analysis of the Contemporary Periodicals.	VII, 129
OYA, Shin-ichi, A Short Note on the History of Japanese Mathematics. . . I, 23	

P

Pancreas Known by the Chinese in the Middle Ages. Saburō MIYASHI- TA	VIII, 167
Pasteur. The Controversy between Liebig and, Tatsumasa DOKE . . . VI, 87	
Patent System in Japan—Around the Debation of Importation Patents. The Origin of, Tetsuo TOMITA	III, 114
Philosophy of Science in Japan: 1966–1970. Hiroshi NAGAI IX, 13	
Physical Models for Atomistic Notion—Its Conceptual Development in Relation to the Evolution of the Concept of Chemical Substance. A Contribution to the History of Atomism (IV) Chemical and, Minoru TANAKA	VIII, 125
Physics in Japan. Studies of History of, Tetu HIROSIGE I, 26	
Physics by Japanese Historians during the Last Few Years. Studies in the History of, Tetu HIROSIGE and Sigeko NISIO IV, 28	
Physics at the Turn of the Century. Rise and Fall of Various Fields of, Tetu HIROSIGE and Sigeko NISIO VII, 93	
Physics. Source Books in the Modern, Tetu HIROSIGE VIII, 17	
Physics. Activities of Japan's Group for History of, Tetu HIROSIGE . . . IX, 5	
Physiology. William Harvey and his Theories of, Teiri NAKAMURA . . . IV, 143	

Physique de Descartes. La, Eizo YAMAZAKI	VII, 27
Planck's Theory of Radiation. The Genesis of the Bohr Atom Model and, Tetu HIROSIGE and Sigeko NISIO	IX, 35
Public Health in Japan. Development of Social Consciousness in the History of, Michio HASHIMOTO	III, 127

Q

Quantum Theory. X-rays and Atomic Structure at the Early Stage of the Old, Sigeko NISIO	VIII, 55
---	----------

R

Radiation. The Genesis of the Bohr Atom Model and Planck's Theory of, Tetu HIROSIGE and Sigeko NISIO	IX, 35
Rangaku Scholars. The Schools of, Kazuo KATAGIRI	IV, 173
(Rangaku).	See also Dutch Learning.
" Rekishō Shinsho, " (I), (II). A Study on the, Minoru OHMORI . .	II, 146; III, 81
Relativity, 1890–1905. Electrodynamics before the Theory of, Tetu HIROSIGE	V, 1
Relativity. A Consideration concerning the Origins of the Theory of, Tetu HIROSIGE	IV, 117
Relativity and the Ether. Theory of, Tetu HIROSIGE	VII, 37
Research Organization in Japan. The History of, Chikayoshi KAMATANI .	II, 1

S

SAIGUSA, Hiroto, Die Entwicklung der Theorien vom "Ki" (Chhi) als Grundproblem der Naturphilosophie in Alten Japan.	I, 51
SAITO, Sachie, Shinji ENDO and, Zeeman Effect and the Theory of Elec- tron of H. A. Lorentz.	VI, 1
Science and Technology in China by Japanese Scholars. Studies on the History of, Mitukuni YOSIDA	I, 7
Science and Technology. Stages in the History of Contemporary, HSIEH Shin-Hui	VII, 115
Science in Japan: 1966–1970. Philosophy of, Hiroshi NAGAI	IX, 13
Sciences au Japon. Coup d'oeil sur l'histoire des, Suketoshi YAJIMA . .	I, 3
Scientific Revolution in Nineteenth Century Japan. Mitsutomo YUASA .	II, 119
Set Theory. On the Meaning of "Virtualité" in the History of the, Tamo- tsu MURATA	V, 119
SHIMAO, Eikoh, Between Science and Humanism—On C. C. Gillispie—. .	V, 211
SHIMODAIRA, Kazuo, Activities of Japanese Historians of Mathematics during the last Decade.	IV, 20
———, Activities of "the History of Mathematics Society of Japan (Nihon Sugakushi Gakkai)".	VIII, 1

"Shôsô-In" Medicinals in the Present Day Japan. A Short Classification of Commodities of the "Periplus of the Erythraean Sea" and a Relation to Materials in the "Septuagint" (LXX) and the, Shigeaki SUZUKI and Reiko SUZUKI	V, 180
SIBUYA, Kazuo, Present-day Evaluation of the Ecological Aspects of Darwin's Theories in Japan.	I, 117
Silicosis in Japan. A Short History of, Toyohiko MIURA	I, 137
SINOTÔ, Yosito, Mendel's Two Genetics Papers Viewed from the Stand-point of Evolution.	VIII, 155
SIVIN, Nathan, A Simple Method for Mental Conversion of a Year expressed in Cyclical Characters to the Corresponding Year in the Western Calendar.	IV, 132
_____, On the Reconstruction of Chinese Alchemy.	VI, 60
Suguita Guenpaku. L'Entretien nocturne avec l'ombre de, Suketoshi YAJIMA	II, 164
SUZUKI, Shigeaki, Milk and Milk Products in the Ancient World.	IV, 135
_____, and Reiko SUZUKI, A Short Classification of Commodities of the "Periplus of the Erythraean Sea" and a Relation to Materials in the "Septuagint" (LXX) and the "Shôsô-In" Medicinals in the Present Day Japan.	V, 180
_____, On the Market Milk in Japan around 1900.	VII, 71
SUZUKI, Reiko, Shigeaki SUZUKI and, A Short Classification of Commodities of the "Periplus of the Erythraean Sea" and a Relation to Materials in the "Septuagint" (LXX) and the "Shôsô-In" Medicinals in the Present Day Japan.	V, 180

T

TAKEBAYASHI, Hiromu, Seishu Hanaoka "Pioneer of the General Anesthesia and the Modern Surgery".	VI, 115
TAMAMUSHI, Bun-ichi, Teaching the History of Chemistry in Japan.	VIII, 9
TANAKA, Minoru, Ein Beitrag zur Geschichte der Atomistik. Über die Rolle der Chemischen Forschung beim Werdegang der Modernen Atomistik.	I, 111
_____, Ein Beitrag zur Geschichte der Atomistik (II). Über die Gründe der Verspätung der Anerkennung der Avogadroschen Hypothese.	II, 127
_____, Hundert Jahre der Chemie in Japan. Studien über den Prozess der Verpfanzung und Selbständigung der Naturwissenschaften als wesentlicher Teil des Werdegangs modernen Japans (Mitteilung I).	III, 89
_____, Hundert Jahre der Chemie in Japan (Mitteilung II). Die Art und Weise der Selbständigung chemischer Forschungen während der Periode 1901–1930.	IV, 162

- _____, Ein Beitrag zur Geschichte der Atomistik (III) Über Ursprünge skeptischer Auffassungen gegen Atomhypothese der Chemie neunzehnten Jahrhunderts. V, 87
- _____, Einige Probleme der Vorgeschichte der Chemie in Japan. Einführung und Aufnahme der modernen Materienbegriffe. VI, 96
- _____, A Note on the Development of Chemistry in Japan. VII, 61
- _____, A Contribution to the History of Atomism (IV) Chemical and Physical Models for Atomistic Notion—Its Conceptual Development in Relation to the Evolution of the Concept of Chemical Substance. VIII, 125
- Technics**—A Review of a Recent Debate in Japan. Innovation and Definition of, Tetsuo TOMITA IV, 81
- Technics** as Manifested in the Sequence of its Historical Stages. Fundamental Factors in the Development of, Seikan ISHIGAI I, 125
- Technology** in China by Japanese Scholars. Studies on the History of Science and, Mitukuni YOSIDA I, 7
- Technology.** Japan's Contributions to the Modern History of, Toshio YAMAZAKI I, 45
- Technology.** Studies on the History of the Japanese Traditional Arts and Modern, Mitukuni YOSIDA I, 135
- Technology.** Stages in the History of Contemporary Science and, HSIEH Shin-Hui VII, 115
- Theory** of Electrons and the Development of the Concept of Electromagnetic Field. Lorentz's, Tetu HIROSIGE I, 101
- Theory** of Electron of H. A. Lorentz. Zeeman Effect and the, Shinji ENDO and Sachie SAITO VI, 1
- TOMITA, Tetsuo, Some Perplexities of the Concepts of Industries, found in the Political Opinions on the Weapon Manufacture, in the Age of the Westernization Movements in China—Especially on the Machine-Tool Production. I, 138
- _____, The Origin of Patent System in Japan—Around the Debaton of Importation Patents— III, 114
- _____, Innovation and Definition of Technics—A Review of a Recent Debate in Japan— IV, 81
- _____, and Kazutoshi HATTORI, History of Science Society of Japan (ed.): *Nihon Kagaku-Gijutsu-shi Taikei* (History of Science and Technology in Japan), 25 Vols., 1964–1970. IX, 164
- Trajectory** in Japan before the Days of Dutch Learning. Studies of, Kiyonobu ITAKURA and Reiko ITAKURA I, 83
- TSUKUBA, Hisaharu, Ryuichi YASUGI and, On the Study of the History of Biology in Japan. I, 35
- TSUZUKI, Yojiro and Aiko YAMASHITA, On the Studies of History of

Chemistry in Japan. IV, 41

——— and Aiko YAMASHITA, History of the Chemistry of Taste in Japan. VII, 1

U V W

- WARTNABY, John, The Early Scientific Work of John Milne. VIII, 77
- WATANABE, Masao, The Dynamic Theory of Heat as Used and Developed by Joule in his Investigations. I, 94
- , The Magic Mirror as Studied in Japan during the Meiji Period. III, 48
- , John Thomas Gulick: American Evolutionist and Missionary in Japan. V, 140
- , Newton's Theory of Dynamics Reexamined by E. J. Dijksterhuis. V, 207
- and Yōko OSE, General Academic Trend and the Evolution Theory in Late Nineteenth Century Japan: A Statistical Analysis of the Contemporary Periodicals. VII, 129
- and Masakazu YOSHINAKA, Newton's *Quantitas Materiae*. . . . IX, 27
- , Science Across the Pacific: American-Japanese Scientific and Cultural Contacts in the Late Nineteenth Century. IX, 115
- , *Historical Studies in the Physical Sciences*, Vol. 1, University of Pennsylvania Press, 1969; Joseph Agassi, "Sir John Herschel's Philosophy of Success," *Ibid.*, pp. 1-36. IX, 159
- World-Formation.** Galileo and Newton's Problem of, Shigeru NAKAYAMA I, 76

X Y Z

- YABUUTI, Kiyosi, Astronomical Tables in China—From the Wutai to the Ch'ing Dynasties— II, 94
- , Shigeru Nakayama: *A History of Japanese Astronomy, Chinese Background and Western Impact*, Harvard University Press, 1969. VIII, 173
- YAGI, Eri, On Nagaoka's Saturnian Atomic Model (1903). III, 29
- , Stephen Hales' Work in Chemistry; A Newtonian Influence on 18th Century Chemistry. V, 75
- , The Development of Nagaoka's Saturnian Atomic Model I—Dispersion on Light—(1905)— VI, 19
- , Chie FUJITA and, Science Education in Tropical African Universities after World War II. VII, 143
- YAJIMA, Suketoshi, Coup d'oeil sur l'histoire des sciences au Japon. . . . I, 3
- , De l'inertie de la pensée humaine—Ce qu'on voit à rencontre des deux civilisations hétérogènes. II, 154

- _____, L'Entretien nocturne avec l'ombre de Sugita Guenpaku. . . . II, 164
- _____, *Meiji-zen Nippon Kagakushi* (Histoire des sciences au Japon avant l'ère de Meiji, en japonais), éd, Académie de Japon, Tokyo, 26 volumes, 1954-1968. VII, 159
- YAMASHITA**, Aiko, Yojiro TSUZUKI and, On the Studies of History of Chemistry in Japan. IV, 41
- _____, Yojiro TSUZUKI and, History of the Chemistry of Taste in Japan. . VII, 1
- YAMAZAKI**, Eizo, La Physique de Descartes. VII, 27
- YAMAZAKI**, Toshio, Japan's Contributions to the Modern History of Technology. I, 45
- YASUGI**, Ryuichi and Hisaharu TSUKUBA, On the Study of the History of Biology in Japan. I, 35
- _____, Methodological Problems in the History of Genetics. . . . III, 108
- Year Length**. Accuracy of Pre-Modern Determinations of Tropical, Shigeru NAKAYAMA II, 101
- Year expressed in Cyclical Characters to the Corresponding Year in the Western Calendar**. A Simple Method for Mental Conversion of a, Nathan SIVIN. IV, 132
- YOSHINAKA**, Masakazu, Masao WATANABE and, Newton's *Quantitas Materiae*. IX, 27
- YOSIDA**, Mitukuni, Studies on the History of Science and Technology in China by Japanese Scholars. I, 7
- _____, Studies on the History of the Japanese Traditional Arts and Modern Technology. I, 135
- YUASA**, Mitsutomo, Center of Activity: Its Shift from the 16th to the 20th Century. I, 57
- _____, Scientific Revolution in Nineteenth Century Japan. II, 119
- _____, The Growth of Scientific Communities in Japan. IX, 137
- Zeeman Effect and the Theory of Electron** of H. A. Lorentz. Shinji ENDO and Sachie SAITO VI, 1