

Sejarah dan Salsafah Sains Matematik

Buku kategori ini dipetik darpd senarai “history of x”, “philosophy of x” dan “history and philosophy of x” dengan x = mathematical science, mathematics, statistics, probability, prob & stat, computer science, information technology, mathematical physics, management science, management, economics, business, dan finance. Semuanya bertindan terutamanya dgn x=mathematics itu.

Sej & Fal Kb & Stat/History & Philosophy of Prob & Stats

Di petik darpd senarai “history of x”, x= statistics, probability dan “philosophy of x”

Sej. Kb & Stat/History of Prob & Stats

Hald A. 2006. *A History of Parametric Statistical Inference from Bernoulli to Fisher, 1713-1935* . Springer

Magnello E. 2006. *Lies, Damn Lies and Statistics: A Mathematical History*. Icon Books Ltd

Tabak J. 2005. *Probability And Statistics: The Science Of Uncertainty*. Checkmark Books

Zabell S.L. 2005. *Symmetry and its Discontents: Essays on the History of Inductive Probability*.CUP

Fal. Kb & Stat/Philosophy of Prob & Stats

Ayer A.J. 2005. *Probability and Evidence*. Columbia University Press

Russo F. & Williamson J. (Pnyut.).2007. *Causality and Probability in the Sciences*. College Publications

Sej & Fal Matema Industri & Kejuruteraan/History & Philosophy of industrial & Engineering mathematics

Sej & Fal dlm Matemat Industri dan Kejuruteraan/Rakayasa

Tiada

Fal Matema Industri/Philosophy of Industrial Maths

Tate T. 2007. *The Principles Of Mechanical Philosophy Applied To Industrial Mechanics*. Kessinger Publishing, LLC

Fal (Matema) Kejut/Teknologi (Philosophy of Engineering (Maths)/ Technology)

de Vries M.J. 2005. *Teaching about Technology: An Introduction to the Philosophy of Technology for Non-philosophers*. Springer

Fuller S. 2005. *The Philosophy of Science and Technology Studies*. Routledge

Gasparski W. & Airaksinen T. (Pnyut.). 2007. *Praxiology and the Philosophy of Technology*. Transaction Publishers

Gunkel D.J. 2007. *Thinking Otherwise: Philosophy, Communication, Technology*. Purdue University Press

Knight D.M. & Eddy M.D. (Pnyut.). 2005. *Science And Beliefs: From Natural Philosophy To Natural Science, 1700-1900* . Ashgate Publishing

Lee K. 2005. *Philosophy and Revolutions in Genetics: Deep Science and Deep Technology*. Palgrave Macmillan (

Nola R. & Irzik G. 2006. *Philosophy, Science, Education and Culture*. Springer

Olsen J.K.B. & Selinger E. (Penyut.). 2007. *Philosophy of Technology*. Automatic Press / VIP

Vermaas P.E., Kroes P., Light A. & Moore S.A. (Pnyut.). 2007. *Philosophy and Design: From Engineering to Architecture*.Springer

Wimsatt W.C. 2007. *Re-Engineering Philosophy for Limited Beings: Piecewise Approximations to Reality*. Harvard University Press

Sej (Matema) Industri**Laris**

- Beard C.A. 2006. *The Industrial Revolution* (Economic History). Reprint ed. Routledge
 Humpreys B. 2006. *The Scientific and Industrial Revolution of Time* (Economic History). Reprint ed.
 Routledge
 Morrah D. 2006. *A History of Industrial Life Assurance*. Reprint ed. Routledge

Baru

- Horn J. 2007. *The Industrial Revolution* (Milestones in Business History). Greenwood Press ()
 Jacob M.C. & Stewart L. 2006. *Practical Matter: Newton's Science in the Service of Industry and Empire, 1687-1851*. Harvard University Press
 Murray J.E. 2007. *Origins of American Health Insurance: A History of Industrial Sickness Funds* . Yale University Press

Sej (Matema) Kejut/History of Engineering (Maths)

- Davidson F.P. & Brooke K.L. 2006. *Building the World [Two Volumes]: An Encyclopedia of the Great Engineering Projects in History*. Greenwood Press
 Dunn J. 2007. *Comeng: A History of Commonwealth Engineering, 1921-1955* . Rosenberg Publishing
 Canini M. (Pnyut.). 2005. *The History of Issues - Genetic Engineering*. Greenhaven Press

Sej & Fal Matema Fiz (sekitar 46 buah)

Dipetik drp senarai “history and philosophy of x”, x= mathematical physics, physical mathematics atau physicomathematics ; “history of x”, x=physics, mathematics. Di bawah kata kunci “philosophy of x”

Fal Fiz

- Blaha S. 2005. *The Metatheory of Physics Theories, and the Theory of Everything as a Quantum Computer Language*. Pingree-Hill Publishing
 Butterfield J. & Earman J. (Pnyut.). 2006. *Philosophy of Physics* . 2 volume set. NHolland
 Carone G.R. 2005. *Plato's Cosmology and its Ethical Dimensions* . CUP
 De Risi V. 2007. *Geometry and Monadology* . Birkhäuser Basel
 Dieks D. (Pnyut.). 2006. *The Ontology of Spacetime*, Volume 1 & II. Elsevier Science
 Frisch M. 2005. *Inconsistency, Asymmetry, and Non-Locality: A Philosophical Investigation of Classical Electrodynamics*. OUP, USA
 Evans J. & Thorndike A.S, (Pnyut.). 2006. *Quantum Mechanics at the Crossroads: New Perspectives from History, Philosophy and Physics*. Springer
 Innes G. 2006. *Quantum Eventuality Theory: Romancing the Holy Grail of Physics* AuthorHouse
 Laibelman A.M. 2007. *Discreteness, Continuity, & Consciousness: An Epistemological Unified Field Theory*. Peter Lang Publishing
 Losee J. 2005. *Theories on The Scrap Heap: Scientists and Philosophers on the Falsification, Rejection, and Replacement of Theories* University of Pittsburgh Press
 Manchester P. 2005. *The Syntax of Time: The Phenomenology of Time in Greek Physics and Speculative Logic from Iamblichus to Anaximander (Ancient Mediterranean and Medieval ... Neoplatonism, and the Platonic Tradition..* Brill Academic Pub
 Norris C. R. 2007. *Quantum Theory and the Flight from Realism* Taylor & Francis

Sej Fiz

- Evans J. & Thorndike A.S. (Pnyut.). 2006. *Quantum Mechanics at the Crossroads: New Perspectives from History, Philosophy and Physics*. Springer
 Heilbron J.L. (Pnyut.). 2005. *The Oxford Guide to the History of Physics and Astronomy* OUP, USA
 Newton R.G. 2007. *From Clockwork to Crapshoot: A History of Physics*. Belknap Press

Sej & Fal. Matema/History & Phil. of Maths

Dipetik drp senarai “history and philosophy of mathematics”, “philosophy of mathematics”, “history of mathematics” dan “logic” .

Laris

Clarke R.F. 2007. *Logic (Manuals of Catholic Philosophy)*. 4th ed. Kessinger Publishing, LLC
 Hausman A. , KahaneH. & Tidman P. 2006. Logic and Philosophy: A Modern Introduction. 10th ed.
 Wadsworth Publishing

Baru

Brennan A. , Deutsch M. & Lau J.Y.F. 2005. *Logic: Key Concepts in Philosophy*. Continuum
 Fisher J. 2007. On the Philosophy of Logic. Wadsworth Pub.
 Friend M. , Goethe N.G. , Harizanov V.S. (Pnyut.). 2007. *Induction, Algorithmic Learning Theory, and Philosophy*. Springer
 Gabbay D.M. 2007. *Investigations in Modal and Tense Logics with Applications to Problems in Philosophy and Linguistics*. Springer
 Gensler H.J. 2006. *Historical Dictionary of Logic*. The Scarecrow Press
 Hage J. 2005. *Studies in Legal Logic*. Springer
 Jacquette D. (Pnyut.). 2005. *A Companion to Philosophical Logic*. Wiley-Blackwell
 Jacquette D. (Pnyut.). 2006. *Philosophy of Logic* . NHolland
 Kromer R. 2007. *Tool and Object: A History and Philosophy of Category Theory*. Birkhäuser Basel
 Martin W. 2006. *Theories of Judgment: Psychology, Logic, Phenomenology*. CUP
 Shapiro S. (Pnyut.). 2007. *The Oxford Handbook of Philosophy of Mathematics and Logic*. OUP, USA
 Tait W. 2005. *The Provenance of Pure Reason: Essays in the Philosophy of Mathematics and Its History*. OUP, USA
 Tieszen R. 2005. *Phenomenology, Logic, and the Philosophy of Mathematics*.CUP

Sej Matema

Yg Laris

Ahmed Djebbar 2007. *Mathematics in African History and Cultures: An Annotated Bibliography*. 2nd ed. Lulu.com
 Ferreiros J. 2007. *Labyrinth of Thought: A History of Set Theory and Its Role in Modern Mathematics*. 2nd ed. Birkhäuser Basel
 Martzloff J-C. (Terj.). 2006. *A History of Chinese Mathematics*. Corrected ed. Springer

Yg baru

Boero P. (Pnyut.). 2007. *Theorems in School: From History, Epistemology and Cognition to Classroom Practice*. Sense Publishers
 Cajori F. 2007. *A History of Elementary Mathematics*. Cosimo Classics
 Carruccio E. 2006. *Mathematics and Logic in History and in Contemporary Thought*. Aldine Transaction
 Cohen D.J. 2007. *Equations from God: Pure Mathematics and Victorian Faith*. The Johns Hopkins University Press
 De Smith M.J. 2006. *Maths for the Mystified: An Exploration of the History of Mathematics and Its Relationship to Modern-Day Science and Computing*. Troubadour Publishing
 Evans-Walmsley A.L. 2007. *A History of Mathematics Education during the Twentieth Century*. University Press of America
 Ferreiros J. & Gray J.J. (Pnyut.). 2006. *Architecture of Modern Mathematics: Essays in History and Philosophy*. OUP
 Gray J.J. & Parshall K.H. 2007. *Episodes in the History of Modern Algebra (1800-1950)*.AMS
 Hald A. 2006. *A History of Parametric Statistical Inference from Bernoulli to Fisher, 1713-1935*. Springer
 Shell-gellasch A. (Pnyut.). 2007. *Hands on History: A Resource for Teaching Mathematics*. Mathematical Association of America
 Shell-Gellasch A. & Jardine D. 2005. *From Calculus to Computers: Using the Last 200 Years of Mathematics History in the Classroom*. Mathematical Association of America
 Smith D.E. 2007. *A History of Japanese Mathematics*. Cosimo Classics

Fal. Matema

- Baldwin T.R. & Smiley T.J. (Pnyut.). 2005. *Studies in the Philosophy of Logic and Knowledge*. British Academy
- Corfield D. 2006. *Towards a Philosophy of Real Mathematics*. CUP
- Ernest P. 2007. *The Philosophy of Mathematics Education*. Taylor & Francis
- Ernest P. 2007. *Mathematics Education and Philosophy*. Taylor & Francis
- Ferreiros J. & Gray J.J. (Pnyut.). 2006. *Architecture of Modern Mathematics: Essays in History and Philosophy*. OUP, USA
- Hendricks V.F. & Leitgeb H. (Pnyut.). 2007. *Philosophy of Mathematics: 5 Questions* Automatic Press / VIP
- Hintikka J., Hendricks V.F. & Symons J. (Pengkomp) . 2005. *Knowledge and Belief - An Introduction to the Logic of the Two Notions*. College Publications
- Oliveri G. 2007. *A Realist Philosophy of Mathematics* College Publications
- Parsons C. 2005. *Mathematics In Philosophy: Selected Essays*. Cornell University Press
- Scouler S. 2005. *The Unlimited Infinite: Exploring the Philosophy of Mathematics*. Universal Pb.
- Shanker S.G. 2007. *Philosophy of Science, Logic and Mathematics in the 20th Century*.Taylor & Francis
- Tait W. 2005. *The Provenance of Pure Reason: Essays in the Philosophy of Mathematics and Its History*. OUP
- Tieszen R. 2005. *Phenomenology, Logic, and the Philosophy of Mathematics* CUP
- Van Kerkhove B. & van Bendegem J.P. (Pnyut.). 2006. *Perspectives on Mathematical Practices: Bringing Together Philosophy of Mathematics, Sociology of Mathematics, and Mathematics Education* . Springer
- Wang Hao. 2007. *Computation, Logic, Philosophy: A Collection of Essays*. Springer

Sej & Fal Sn Ekonomi, Pengurusan/Manajemen dan yg berhubungan dgannya

Dipetik drp senarai “history and philosophy of economics”, “history of economics”, “history of economics thought” dan “philosophy of economics”

Yg Laris

- Hausman D.M. 2007. *The Philosophy of Economics: An Anthology*. 3rd ed. ????**

Yg baru

- Backhouse R. 2007. *Explorations in Economic Methodology: From Lakatos to Empirical Philosophy of Science*. Routledge
- Cartwright N. 2007. *Hunting Causes and Using Them: Approaches in Philosophy and Economics*. CUP

Sej. & Fal Ekonomi

- Mirza R.M. 2007. *The Rise and Fall of the American Empire: A Re-Interpretation of History, Economics and Philosophy: 1492-2006*. Trafford Publishing

Sej. Ekonomi/ History of Economics**Laris**

- Bernal J.D. 2006. *Science and Industry in the Nineteenth Century*. Reprint ed. Routledge
- Floud R. 2006. *An Introduction to Quantitative Methods for Historians*. Reprint ed. Routledge
- Gould J.D. 2006. *Economic Growth in History: Survey and Analysis*. Reprint edition Routledge
- Hilferding R. 2006. *Finance Capital: A Study of the latest phase of capitalist development* . Reprint ed. Routledge
- Hodgett G. 2006. *A Social and Economic History of Medieval Europe*. Reprint ed. Routledge
- Humphreys B. 2006. *The Scientific and Industrial Revolution of Time*. Reprint ed. Routledge
- Issawi C. 2006. *An Economic History of the Middle East and North Africa*. Reprint ed. Routledge

- Kerridge E. 2006. *The Agricultural Revolution..Reprint ed.* Routledge
- Kindleberger C. 2006. *Keynesianism Vs. Monetarism: and other Essays in Financial History.* Reprint ed. Routledge
- Luzzatto G. 2006. *An Economic History of Italy: From the Fall of the Roman Empire to the Beginning of the 16th Century.* Reprint edition Routledge
- Morrah D. 2006. *A History of Industrial Life Assurance.* Reprint ed. Routledge
- Sabine B.E.V. 2006. *A History of Income Tax: The Development of Income Tax from its beginning in 1799 to the present day related to the social, economic and political history of the Period.* Reprint ed. Routledge
- Tucker K.A. 2006. *Business History: Selected Readings.* Reprint ed. Routledge
- von Mises L. 2007. *Theory and History: An Interpretation of Social and Economic Evolution.* 2nd ed. Ludwig von Mises Institute

Baru

- Ashley W.J. 2007. An Introduction To English Economic History And Theory: The Middle Ages. Kessinger Publishing, LLC
- Barnett V. 2005. A History of Russian Economic Thought. Routledge
- Campbell G. 2005. An Economic History of Imperial Madagascar, 1750-1895: The Rise and Fall of an Island Empire. CUP
- Chattopadhyaya D.P. 2005. *Economic History of India from Eighteenth to Twentieth Century: History of Science, Philosophy and Culture in Indian Civilization* v. 8, pt. 3 . Centre for Studies in Civilisations
- Das S.K. 2006. *The Economic History of Ancient India.* Cosmo Publications, India
- Drukker J. 2006. *The Revolution That Bit That Its Own Tail: How Economic History Changed Our Ideas on Economic Growth.* Transaction Publishers
- Feinstein C.H. 2005. *An Economic History of South Africa: Conquest, Discrimination, and Development.* CUP
- Fontaine P. 2005. *The Experiment in the History of Economics.* Routledge
- Frantz R. 2005. *Two Minds: Intuition and Analysis in the History of Economic Thought.* Springer
- Klug A., Young W. & Bordo M. (Pnyut.). 2006. *Theories of International Trade.* Routledge
- Marcuzzo M. 2007. *Money and Markets.* Routledge
- Peden G.C. (Pnyut.). 2005. *Keynes and His Critics: Treasury Responses to the Keynesian Revolution, 1925-1946.* British Academy
- Redish A. 2006. *Bimetallism: An Economic and Historical Analysis.* CUP
- Roncaglia A. 2006. *The Wealth of Ideas: A History of Economic Thought.* CUP
- Samuels W.J., Biddle J.E. & Davis J.B. (Pnyut.). 2006. *A Companion to the History of Economic Thought.* Wiley-Blackwell
- Screpani E. & Zamagni S. (Terj.). 2005. *An Outline of the History of Economic Thought.* OUP.
- Seabright P. 2005. *The Company of Strangers: A Natural History of Economic Life.* Princeton UP
- Stabile D.R. 2005. *Forerunners Of Modern Financial Economics: A Random Walk In The History of Economic Thought.* Edward Elgar Publishing
- Sterling C.H. 2005. *Shaping American Telecommunications: A History of Technology, Policy, and Economics.* Lawrence Erlbaum Associates
- Trever A.A. 2007. *A History Of Greek Economic Thought.* Kessinger Publishing, LLC
- Vaggi G. & Groenewegen P. 2006. *A Concise History of Economic Thought: From Mercantilism to Monetarism.* Palgrave Macmillan
- Vermeij G.J. 2006. *Nature: An Economic History.* Princeton University Press

Fal. Ekonomi/Philosophy of Economics

Laris

- Clark J.B. 2007. *The Philosophy Of Wealth: Economic Principles Newly Formulated.* Kessinger Publishing, LLC
- Hausman D.M. 2007. *The Philosophy of Economics: An Anthology.* 3rd ed. CUP

Hausman D.M. & McPherson M.S. 2006. *Economic Analysis, Moral Philosophy and Public Policy*. 2nd ed. CUP

Baru

Denslow V.B. 2005. *Principles of the Economic Philosophy of Society*, Government And Industry. University Press of the Pacific

Kenny C. K. (Pnyut.). 2006. *Life, Liberty, and the Pursuit of Utility: Happiness in Philosophical and Economic Thought*. Imprint Academic

Robinson J. 2006. *Economic Philosophy*. Aldine Transaction

Sej & Fal Sn Komputer

Tiada

Sej Sn Komputer)

Raum E. 2007. *The History of the Computer*. Heinemann Library

Shell-Gellasch A. & Jardine D. (Pnyut.). 2005. *From Calculus to Computers: Using the Last 200 Years of Mathematics History in the Classroom*. Mathematical Association of America

Fal. Sn Komputer

Carter M. 2007. *Minds and Computers: An Introduction to the Philosophy of Artificial Intelligence*. Edinburgh University Press

Raffi K. 2006. *Java For Artists: The Art, Philosophy, And Science Of Object-Oriented Programming*. Pulp Free Press

Fal. Sn. Maklumat

Smith B.T. 2006. A Philosophy Of Information: (Information is the Power that Drives and Controls us All) Trafford Publishing

Sej & Fal Sn Matema dlm/drp Sn Hayat dan Perubatan

Drpd senarai “history of life sciences”, “philosophy of life sciences”, “history/philosophy of bioethics” “philosophy of medical sciences” dan “history of medical sciences”.

Sej & Fal. Sn Hayat

Fleischhauer K. & Hermeren G. 2006. *Goals of Medicine in the Course of History and Today: A Study in the History and Philosophy of Medicine*. Almqvist & Wiksell International, Stockholm

Rasmussen L. (Pnyut.). 2005. *Ethics Expertise: History, Contemporary Perspectives, and Applications*. Springer

Schmidt J. 2007. *Melancholy And the Care of the Soul: Religion, Moral Philosophy And Madness in Early Modern England*. Ashgate Publishing

Fal. Sn Hayat

Yg laris

Rosenberg A. & McShea D.W. 2007. *Philosophy of Biology: A Contemporary Introduction*. New ed. Routledge

Ruse M. (Pnyut.). 2007. *Philosophy of Biology*. 2nd ed. Prometheus Books

Yg baru

Aumike. 2005. *Gravionics and a Spiritual Life: How a new philosophy of space and time unites science and spirituality*. AuthorHouse

Cataldi S.L. & Hamrick W.S. (Pnyut.). 2007. *Merleau-Ponty and Environmental Philosophy: Dwelling on the Landscapes of Thought*. SUNNY Press

Cooper G.J. 2007. *The Science of the Struggle for Existence: On the Foundations of Ecology*. CUP

Ereshefsky M. 2007. *The Poverty of the Linnaean Hierarchy: A Philosophical Study of Biological Taxonomy*. CUP

- Garvey B. 2007. *Philosophy of Biology* McGill-Queen's University Press
- Lee K. 2005. *Philosophy and Revolutions in Genetics: Deep Science and Deep Technology* Palgrave Macmillan
- O'Hear A. (Pnyut.). 2005. *Philosophy, Biology and Life*. CUP
- Sarkar S. 2005. *Biodiversity and Environmental Philosophy: An Introduction*. CUP
- Wiener L. & Ramsey R.E. 2005. *Leaving Us To Wonder: An Essay On The Questions Science Can't Ask*. SUNY Press
- Wilberg P. 2007. *The Awareness Principle: A Radical New Philosophy of Life, Science & Religion*. Exposure Publishing

Fal Sn Perubatan/Philosophy of Medical Sc.

- Cooper R. 2005. *Classifying Madness: A Philosophical Examination of the Diagnostic and Statistical Manual of Mental Disorders* Springer
- Fleischhauer K. & Hermeren G. 2006. *Goals of Medicine in the Course of History and Today: A Study in the History and Philosophy of Medicine*. Almqvist & Wiksell International, Stockholm
- Kincaid H. & McKittrick J. (Pnyut.). 2007. *Establishing Medical Reality: Essays in the Metaphysics and Epistemology of Biomedical Science*. Springer
- Lee S.C. (Pnyut.). 2007. *The Family, Medical Decision-Making, and Biotechnology: Critical Reflections on Asian Moral Perspectives*. Springer
- Morrish M. 2006. *Medicine Flows: Homoeopathic Philosophy*. Homoeopathy Centre Publications
- Spicker S.F. & Engelhardt Jr. H.T. (Pnyut.). 2007. *Philosophical Dimensions of the Neuro-Medical Sciences* Springer
- Spicker S.F., Healey Jr. Y.M. & Engelhardt Jr. H.T. (Pnyut.). 2007. *The Law-Medicine Relation: A Philosophical Exploration* Springer
- Tollefson C. (Pnyut.). 2007. *Artificial Nutrition and Hydration: The New Catholic Debate* Springer
- Kaczor C. 2005. *The Edge of Life: Human Dignity and Contemporary Bioethics* Springer
- Spicker S.F. & Engelhardt Jr H.T. (Pnyut.). *Philosophical Dimensions of the Neuro-Medical Sciences*. Springer

Sejarah Sains Perubatan/History of Medical Sc.

Yg Laris

- Magner N. 2005. *A History of Medicine*. 2nd Rev Ed. CRC Press

Yg Baru

- Anderson A. 2005. *Making Medicines: A Brief History Of Pharmacy And Pharmaceuticals*. Pharmaceutical Press
- Bowers B.S. (Pnyut.). 2007. *Medieval Hospital And Medical Practice*. Ashgate Publishing
- Clare J. 2006. *Medicine in the Industrial Age*. Enchanted Lion Books
- Dawson I. 2005. *Prehistoric and Egyptian Medicine*. Hodder Wayland
- Dawson I. 2005. *Medicine in the Middle Ages*. Enchanted Lion Books
- Dawson I. 2005. *Greek and Roman Medicine*. Enchanted Lion Books
- Dawson I. 2005. *Renaissance Medicine*. Hodder Wayland
- Dowbiggin I. 2007. *A Concise History of Euthanasia: Life, Death, God, and Medicine*. Rowman & Littlefield Publishers
- Gouk P. & Hills H. (Pnyut.). 2005. *Representing Emotions: New Connections in the Histories of Art, Music, and Medicine*. Ashgate Publishing
- Grell O.P. & Cunningham A. 2007. *Medicine and Religion in Enlightenment Europe*. Ashgate
- Hardiman D. 2006. *Healing Bodies, Saving Souls: Medical Missions in Asia and Africa*. Editions Rodopi BV
- Kim. 2006. *The Social Construction of Disease*. Routledge
- Knight D. 2006. *Public Understanding of Science: A History of Communicating Scientific Ideas*. Routledge
- Lewis M.J. 2006. *Medicine and Care of the Dying: A Modern History*. OUP
- Mehl-Madrona L. 2007. *Narrative Medicine: The Use of History and Story in the Healing Process*. Bear & Company

- Schlich T. 2006. *The Risks of Medical Innovation: Risk Perception and Assessment in Historical Context*. Routledge
- Soderqvist D. 2007. *The Historiography of Contemporary Science, Technology, and Medicine: Writing Recent Science*. Routledge
- Strathern P. 2005. *A Brief History of Medicine: From Hippocrates' Four Humours to Crick and Watson's Double Helix*. Running Press
- Temkin O. 2006. *The Double Face of Janus and Other Essays in the History of Medicine*. The Johns Hopkins University Press
- Timmermann C. & Anderson J. 2007. *Devices and Designs: Medical Technologies in Historical Perspective*. Palgrave Macmillan
- Townsend J. 2005. *Scalpels, Stitches and Scars: A History of Surgery*. Raintree Publishers
- Townsend J. 2005. *Bedpans, Blood & Bandages: A History Of Hospitals*. Raintree
- Townsend J. 2006. *Pills, Powders & Potions: A History of Medication*. Raintree
- Wilkinson L. 2005. *Animals and Disease: An Introduction to the History of Comparative Medicine*. CUP
- Woolf A. 2006. *Medicine in the Twentieth Century and Beyond*. Enchanted Lion Books
- Zink B. 2005. *Anyone, Anything, Anytime: A History of Emergency Medicine*. Mosby

Sej & Fal Sn Matema Kewangan/History and Philosophy Finance Math. Sc.

Drp senarai “history and philosophy of Finance”, “history and philosophy of economics”. “history of finance” and “philosophy of finance”.

Sej Kewangan/History of Finance

- Hilferding R. 2006. *Finance Capital: A Study of the latest phase of capitalist development*. Reprint ed. Routledge
- Homer S. & Sylla R. 2005. *A History of Interest Rates*. 4th ed. Wiley

Yg Baru

- King T. A. 2006. *More Than a Numbers Game: A Brief History of Accounting*. Wiley
- Rubinstein M. 2006. *A History of the Theory of Investments: My Annotated Bibliography*. Annotated ed. Wiley

Fal Kewangan/Philosophy of Finance

- Baucom I. 2005. *Specters of the Atlantic: Finance Capital, Slavery, and the Philosophy of History*. Duke Univ. Press

Sej & Fal Sn Matema Niaga (History and Philosophy of Business Math Sc)

“History and philosophy of business” bertindan hebat dng “history and philosophy of economics”. Jadi dilihat “history of business” dan “philosophy of business” secara berasingan.

Sej Niaga/History of Business

Yg Laris

- Tucker K.A. 2006. *Business History: Selected Readings*. Reprint ed. Routledge
- Tvede L. 2006. *Business Cycles: History, Theory and Investment Reality*. 3rd ed. Wiley

Yg Baru

- Faure D. 2006. *China And Capitalism: A History of Business Enterprise in Modern China*. Hong Kong University Press
- Fleischmen R. (Pnyut.). 2006. *Accounting History*. Three-Volume Set edition. Sage Publications Ltd.
- Horn J. 2007. *The Industrial Revolution*. Greenwood Press
- Robinson S.J. 2007. *Case Histories in Business Ethics*. Taylor & Francis

Fal Niaga/Business Philosophy

- Hubbard E. 2006. *American Business Philosophy*. Kessinger Publishing, LLC
 Reynolds S. 2007. *Everything Enneagram Book: Identify Your Type, Gain Insight into Your Personality and Find Success in Life, Love, and Business*. Adams Media

Sej & Fal Sn Pengurusan/History & Philosophy of Mngmt Sc Sej. & Fal POp

- Gass S.I. & Assad A.A 2006. *An Annotated Timeline of Operations Research: An Informal History*. Springer

Fal Sn Pengur & kepemimpinan

- Norton B.G. 2005. *Sustainability: A Philosophy of Adaptive Ecosystem Management*. University of Chicago Press
 Pierre-Casse P. & Paul G. C. 2007. *Philosophy for Creative Leadership*. Athena Press Pub Co. UK
 Price T. 2005. *Understanding Ethical Failures in Leadership*. CUP
 Ruggiero E. & Haley D. 2005. *The Leader's Compass: A Personal Leadership Philosophy Is Your Key to Success*. Academy Leadership Publishing
 Venturella P. 2007. *Character, Competence, and Commitment...the measure of a leader: Leadership philosophies, principles and observations of a career Air Force Combat Controller*. AuthorHouse

Sej & Fal Sn P'ur

Tiada

Sej Sn P'ur/History of Mangt Sc

- Anderson S. 2006. *Investment Management and Mismanagement: History, Findings, and Analysis*. Springer
 Brosius J.P. 2005. *Communities and Conservation: Histories and Politics of Community-Based Natural Resource Management*. AltaMira Press
 Johnson S.B. 2006. *The Secret of Apollo: Systems Management in American and European Space Programs*. The Johns Hopkins University Press
 Witzel M. (Pnyut.). 2005. *Encyclopedia Of The History Of American Management* Continuum

Sej & Fal Sains, Teknologi dan Kejuruteraan/Rekayasa

Drp senarai “history and philosophy of science”, “history and philosophy of technology”, “history and philosophy of engineering”, philosophy of technology., history of technology , philosophy of technology , history of science dan philosophy of science, history of technology, philosophy of technology

Fal Kejut/Rekayasa

- Wimsatt W.C. 2007. *Re-Engineering Philosophy for Limited Beings: Piecewise Approximations to Reality*. Harvard University Press

Fal Teknol :

- de Vries M.J. 2005. *Teaching about Technology: An Introduction to the Philosophy of Technology for Non-philosophers*. Springer
 Fuller S. 2005. *The Philosophy of Science and Technology Studies*. Routledge
 Gasparski W. & Airaksinen T. (Pnyut.). 2007. *Praxiology and the Philosophy of Technology*. Transaction Publishers
 Lee K. 2005. *Philosophy and Revolutions in Genetics: Deep Science and Deep Technology* Palgrave Macmillan

Nola R. & Irzik G. 2006. *Philosophy, Science, Education and Culture*. Springer
 Olsen J.K.B. & Selinger E. (Pnyut.). 2007. *Philosophy of Technology*. Automatic Press / VIP

Sej & Fal Sn

- Anstey P.R. & Schuster J.A. 2006. The Science of Nature in the Seventeenth Century: Patterns of Change in Early Modern Natural Philosophy. Springer
 Ashworth P.D. & Chung M.C. (Pnyut.) 2006. Phenomenology and Psychological Science: Historical and Philosophical Perspectives. Springer
 Chattopadhyaya D.P. 2005. History of Science, Philosophy and Culture in India Civilization: v. 2, pt. 6: Purvamimamsa from an Interdisciplinary Point of View . Centre for Studies in Civilisations
 Chattopadhyaya D.P. 2005. Economic History of India from Eighteenth to Twentieth Century: History of Science, Philosophy and Culture in Indian Civilization v. 8, pt. 3 Centre for Studies in Civilisations
 Dasgupta J.B. (Pnyut.). 2007. Science, Technology, Imperialism and War: History of Science, Philosophy and Culture in Indian Civilization, Volume XV Part 1. Pearson Longman
 Gavroglu K. & Renn J. (Pnyut.). 2007. Positioning the History of Science. Springer
 Gleave R.M. 2007. Scripturalist Islam: The History and Doctrines of the Akhbari Shi'i School. Brill
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Sistem Dinamik [termasuk persamaan terbitan, kamiran & beza]

Buku pilihan ini dipetik drp senarai buku di kedai amazon bintik com di bawah judul “dynamical system”, x=“differential equations”, partial x, stochastic x, fuzzy x, quantum x, “diffence equations”, “integral equations”, dan “functional equation”

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Teori Kawalan dan Kawalan Optimum

Buku pilihan berikut bukan sahaja dipilih daripada senarai “control theory”, “optimal theory” terbitan 2005-2007. Ini tidak termsuk Kawalan dlm/drp pengurusan/manajemen, Industri dan Kejuruteraan/Rekayasa dan dlm/drp Sn Matematik Pengurusan yg disenaraikan berasingan di bawah bidng tersebut.

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KE ARAH MEMPERTAUTKAN KIAMBANG

ISTILAH DALAM BAHASA MELAYU INDONESIA YANG BERBEZA DENGAN BAHASA MELAYU MALAYSIA

INGGERIS B (Samb.)

MELAYU INDONESIA

MELAYU MALAYSIA

bond	obligasi; ikat; ikatan [bon tiada dalam KBBI]	bon; ikat; ikatan; kata kota [kata-kata yg boleh dipegang]
bond discount ⁺ bond interest ⁺ bond premium ⁺ bond table bond valuation ⁺	abat/diskon(to) obligasi bunga obligasi premi obligasi tabel obligasi nilaian/valuasi obligasi	diskaun bon bunga/faedah ⁺ bon premium bon jadual bon nilaian bon
bonding ⁺ bondsman [#] bonus	pengikatan juru obligasi bonus/gratifikasi	pengikatan; perekatan {juru bon} [#] bonus
book ⁺	tempah; buku; seperti dalam Melayu Malaysia sebelah	tempah; buku; kitab [buku agama]; pestaka [buku sakti, magik dsbnya]; rumah batu [buku dlm bentuk kad].
book inventory ⁺	inventaris buku	inventori buku
{book keeping} ⁺ / book-keeping ⁺ / bookkeeping ⁺	{penataan buku}/tata buku	{simpan kira}/{penataan buku} ⁺ (MBIM: .../simpan buku/penatabuku/tatabuku)
booklet ⁺	buklet	buku kecil/saku
book-keeper ⁺	penata buku	{penata buku}/{penyimpan kira-kira}/ (MBIM: .../{penyimpan kira(-kira)})
book-keeping ⁺ / bookkeeking ⁺ / {book keeping} ⁺	{penataan buku}/tata buku	{simpan kira}/{penataan buku} ⁺ (MBIM: .../simpan buku/penatabuku/tatabuku)
book-mark [#] /bookmark [#]	marka buku	balagh [#]

bookkeeping⁺/book-keep-ing⁺/<i>{book keeping}</i>⁺	{penataan buku}/tata buku	{simpan kira}/{penataan buku} ⁺ (MBIM: .../simpan buku/penatabuku/tatabuku)
bookmark [#] /book-mark [#]	marka buku	balagh [#] [termasuk untuk bidang computer]
Boolean	Boole	Boole; Boolean
Boolean algebra	aljabar Boole(an)	aljabar Boole (MBIM9: algebra/aljabar...; MABBIM: algebra/aljbar Boolean)
Boolean function	fungsi Boole	fungsi Boolean
Boolean logic	logika Boole(an)	lojik ⁺ /mantik Boolean
Boolean operation	operasi Boole	operasi Boolean
Boolean operator	operator/penganda Boole(an)	pengoperasi/operator ⁺ Boolean* (MBIM: operator/pengendalian Boole)
Boolean polynomial	polinomial/{suku banyak} Boole	polinomial Boolean
Boolean ring	gelanggang Boole	gelanggang Boolean
border	perbatasan	birai; pemisah; perbatasan; pinggiran; sempadan
border of a domain	perbatasan daerah/ranah/wilayah	perbatasan domain/mandal ⁺ /ranah ⁺ (MBBIM: ...domain)
border set Borelian ⁺⁺	himpunan perbatasan Borel	set perbatasan Borelan
Borelian field ⁺	lapangan/medan Borel	medan Borelan
Borel measure	ukuran Borel	sukatan Borel
Borel set	himpunan Borel	set Borel
Borelean set ⁺	himpunan Borel	set Borelan

bounce ⁺ bounced cheque ⁺ bound check bound variable bound vector	lantun? cek lantun? semakan batas? pe(r)ubah/variabel batas vektor terikat/batas	lantun; tendang cek tendang semakan batas {pemboleh ubah}* batas vektor terikat ⁺ (MABBIM: vektor batas)
bound atom ⁺ boundary (exp: free) boundary arc	atom terikat? batas busur batas	atom terikat sempadan lengkok sempadan
boundary condition (expr: adjoint, Dirichlet, homo- geneous, inhomogene- ous, mixed, natural, Neuman, periodic, unmixed)	syarat batas	syarat sempadan
boundary cell boundary form	sel batas bentuk batas	sel sempadan bentuk sempadan
boundary homomorphism	homomorfisme/kehomo- morfan batas	homomorfisma sempadan
boundary interval boundary layer ⁺ boundary of a set boundary of a simplex	selang/interval batas lapisan batas batas himpunan batas simpleks	selang sempadan lapisan sempadan sempadan set sempadan simpleks
boundary operator	operator/pengandar batas	operator/pengoperasi* sempadan
boundary simplex bounding cycle	simpleks batas daur/siklus pembatas	simpleks sempadan daur ⁺ /kitar pembatas
boundries of system ⁺	batas sistem	sempadan ⁺ sistem (MBIM: batasan...)
boundary of a half-line	batas setengah/separo garis	sempadan setengah garis (MBIM: ...; separuh garis)
boundary of a half-plane	batas setengah/separo bidang	sempadan setengah satah (MBIM: ...; separuh satah)
boundary patch	tampalan batas	tampalan sempadan

boundary point	titik batas	titik sempadan
boundary scattering ⁺	penebaran/pemencaran/ penghamburan batas	{penebaran/penyebaran sempadan} ⁺ (MABBIM: penyerakan batas)
boundary value	nilai batas	nilai sempadan
boundary value problem (expr: Dirichlet, first, Neumann, second)	masalah/problem nilai batas	masalah nilai sempadan
bounded	terbatas; berhad	terbatas; terikat
bounded projection ⁺	proyeksi terbatas	unjuran terbatas
bounded transformation	transformasi/{pengalih-ragaman} terbatas	penjelmaan/transformasi terbatas
bounded universe ⁺	{alam semesta}/universum terbatas	alam semesta terbatas
bounded variable	variable/perubah terbatas	{pemboleh ubah}* terbatas
bounded variation	ubahan/variasi/keragaman terbatas/berhad	ubahan/variasi terbatas
bounds on roots	batas-batas akar	batas-batas ke atas punca
box ⁺⁺	kotak	kotak; peti
box office	tempat jualan karcis	tempat jual tiket
boxplot	diagram kotak	plot kotak
bra and ket ⁺ [drp bracket]	bra dan ket	ku ⁺ dan rung ⁺ [drp kurung] (MABBIM: bra dan ket)
bra space ⁺	ruang bra	ruang ku ⁺ (MABBIM: ruang bra)
bra vector ⁺	vektor bra	vektor ku ⁺ (MABBIM: vektor bra)
bra-ket algebra ⁺	aljabar bra-ket	aljabar ku-rung ⁺ (MABBIM: aljabar bra-ket)

braces	kurawal	kurawal/{kurungan ikal} ⁺ (MBIM: pengikat; pengerat; rembat)
<i>brachistochrone</i> ⁺	lintasan waktu terpendek	<i>brachistochrone</i>
bracket (expr: curly, Lagrange; Lie, Poisson, square)	kurung siku; kurung	kurungan ⁺ (MBIM: braket; pendakap)
bracketing	pemenggalan	pemenggalan; pengurungan ⁺
braid ⁺⁺ braid group	kucir grup/kelompok kucir	tocang; anyaman kumpulan tocang/anyaman ⁺
braid invariant	{tak varian}/invariant/karar kucir	{tak varian}/invarian* tocang/anyaman ⁺ ; {yang tak varian}/ invarian* tocang/ anyaman
brainstorming ⁺	{pemerasan otak}?/ {pencaman bahan fikiran}?	{pemerasan otak}/{penge- caman bahan fikiran} ⁺
brainware	perangkat otak	perangkat ⁺ otak (MBIM: kakasan otak)
branch branch cut branch node branch of a curve	cabang keratan cabang nod(us)/simpul(an) cabang cabang kurva/lengkung(an)	cabang; cawangan potongan cabang nod/buku ⁺ /simpul ⁺ cabang cabang kelok ⁺ /lengkung
branching Markov process	olahan/proses percabangan Markov	proses Markov bercabang
branching ratio ⁺	nisbah/rasio bercabang	nisbah bercabang* (MABBIM:mencabang)
brand ⁺	jenama/merek	jenama
brand name ⁺	nama jenama/merek	cap
break ⁺⁺	putus; patah; rosak	putus; patah; rosak; pecah;

	dan lain seperti di lajur “Melayu Malaysia” itu. [peletut, gentis, getus dan simbung tiada dlm KBBI]	cekah [untuk buah]; hancur [ais dsbnya]; peletut [untuk kueh dsbnya]; kepak [dengan cara melentur]; gentas/gentis/getus/getas/getis [untuk tali dsbnya dgn mengguna-kan kuku/gigi]; tetas [untuk cengkerang]; retas [jahitan]; runtas [dgn sentak]; buka [puasa]; mungkir/ingkar [perjanjian]; pecat [selak dsbnya]; jelimpat [terutamanya dalam perjalanan]; simbung [gagal mencapai hasrat/ tujuan dsbnya]; meragam [suara]; jinak [=break in]; rehat/rihat; jeda; {dini hari}/ {fajar menyingsing} [break of day]
break-even	impas	{pulang modal}/impas ⁺
break-even chart ⁺	bagan impas	carta/bagan {pulang modal}/impas ⁺
break-even point analysis ⁺	analisis titik impas	analisis takat ⁺ {pulang modal}/impas ⁺ (MABBIM: ...titik...)
break-even quantity ⁺	kuantitas impas	kuantiti {pulang modal}/ impas ⁺
break-in [#] break-water [#] /breakwater [#]	entri bagi mencuri tumpuan gelombang?	{pemasukan bagi mencuri} [#] {tumpuan gelombang} [#]
breakaway [#]	keluar mengejut?	{keluar mengejut } [#]
breakdown ⁺	putus?; rincian	ketalar; pembahagian; pemecahan; perincian
breaker [#]	pemecah?	pemecah [#] /perapus [#] / [#] {penggetas tangan}, penghem-pas ombak

breakers[#]	hempasan ombak?; musik penyela	{hempasan ombak} [#] / {sawah air}
breaking angle ⁺ breaking load ⁺	sudut patah beban putus	sudut patah/putus beban patah; beban putus ⁺
breaking point ⁺	takat patah/putus/ pecah/ runtuh?	takat patah/putus/pecah
breaking strain ⁺	terikan pemutusan	terikan patah/putus
breaking strength ⁺	kekuatan patah/pematah/ putus/hancur	kekuatan patah/putus
breakneack[#] breakout ⁺ breakpoint⁺ breakpoint frequency ⁺ breakwater [#] /break-water [#]	pantas berbahaya? anjlok; pelantasan titik-patah frekuensi titik-patah tumpuan gelombang?	{pantas berbahaya} [#] pemecah takat patah/putus frekuensi takat patah/putus {tumpuan gelombang} [#]
breast height diameter ⁺	diameter setinggi dada	diameter ⁺ / {garis pusat}* paras dada (MBIM: garispust...)
bribe⁺	{makan suap}?//{tumbuk rusuk}?	{makan suap} ⁺ / {tumbuk rusuk}/rasuah ⁺ (MBIM: suap/{tumbuk rusuk})
bribery⁺	suap	{makan suap} ⁺ / {tumbuk rusuk}/rasuah ⁺ (MBIM: suapan/{tumbuk rusuk})
bridge bridging loan ⁺ broad	jembatan kredit talangan rampat/lebar	jambatan pinjaman penyambung lebar
broad application ⁺	aplikasi/penerapan luas	penerapan ⁺ /penggunaan/ aplikasi ⁺ luas
broad band ⁺	pita lebar/rampat	jalur lebar

broad beam ⁺	alur lebar/rampat	alang ⁺ lebar; alur lebar; rasuk ⁺ lebar; dll lagi yg sesui [lih. Beam]
broad market ⁺ broadband broaden median broaden spectrum	pasar luas? pita lebar/rampat median terampat/terluas spektrum terampat/terluas	pasaran luas jalur lebar median dilebarkan spektrum dilebarkan
broken line graph	grafik garis putus	graf garis patus-putus* (MBIM:...putus)
broker	pialang/makelar	broker/pialang ⁺
brokerage ⁺	pialangan/makelaran	brokerej*/pialangan ⁺ (MBIM: pembrokaran)
brokerage allowances ⁺	tunjangan pialangan/ makelaran	elaun brokerej*/pialangan ⁺ (MBIM: ...brokeraj)
brokerage firm ⁺	firma pialangan/makelaran	firma brokerej*/pialangan ⁺ (MBIM: ...urus broker)
brokerage line graph ⁺	grafik garis pialangan/ makelaran	graf garis brokerej*/ pilangan ⁺
brokerage stick model ⁺	model kayu pialangan/ makelaran	model kayu rokerej*/ pialangan
brokerage commision ⁺	dalal/komisi pialangan/ makelaran	dalal ⁺ /komisen brokerej*/ pialangan ⁺
brokerage house ⁺	wisma pialangan/makelaran	wisma ⁺ brokerej*/pilangan ⁺ (M(AB)BIM: Rumah...)
brought forward	ditunda?	ditunda
Brownian ⁺⁺	Brown	Brownan
Brownian motion	gerak Brown	gerakan Brownan* (MABBIM:...Brown)
Brownian particle ⁺	partikel/zarah Brown	zarah Brown* (MABBIM:... Brownan)

Brownian process	olahan/proses Brown	proses Brown* (MABBIM: ...Brownan)
browse	ramban	ramban/{semak imbas}
browser	peramban	peramban ⁺ /{penyemak seimbas}
bubble bubble chart bubble memory bubble sort	gelembung bagan gelembung memori gelembung sortir gelembung	buih; gelembung bagan ⁺ /carta gelembung ingatan gelembung isihan gelembung
bucket bucket sort	buket sortir buket	baldi; bakul; timba isihan bakul/baldi
buckle ⁺	gasper; macet	geleding/ronyok
buckling ⁺	tekukan; lengkokan	menggeleding/ronyok; penggeleding/peronyok: MBIM (MABBIM: lengkokan)
buckling stress ⁺	tegasan/stres tekukan?	tegasan/stres ⁺ penggeleding/peronyok
budget ⁺	anggaran	belanjawan
budgetary	penganggaran belanja; anggaran	{urus belanjawan} ⁺ (MABBIM: belanjawan)
budgetary account ⁺	akun penganggaran belanja	akaun {urus belanjawan} ⁺ (MABBIM: ..belanjawan)
budgetary accounting ⁺	perakunan penganggaran belanja	perakaunan {urus belanja-wan} ⁺ (MABBIM: ...belanjawan)
budgetary control ⁺	pengendalian anggaran	kawalan {urus belanja-wan} ⁺ (M(AB)BIM: ..belanjawan)
budgetary planning ⁺	perencanaan/pemelanan anggaran?	perancangan {urus belanja-wan} ⁺ (MBIM: ...belanjawan)

budgetary practice ⁺	praktis anggaran?	amalan {urus belanjawan} ⁺ (MBIM: ...belanjawan)
budgetary procedure ⁺	prosedur/tatacara anggaran?	tatacara {urus belanja-wan} ⁺ (MBIM: ... belanjawan)
budgeting ⁺	penganggaran	pembelanjawanan
buffer bug building-up error built-in routine bulk	penyangga/cadangan kutu(an) galat bertumpuk rutin terbina limbak	penimbal pepijat ralat timbunan calu ⁺ /rutin bina-dalam pukal
bull ⁺	orang optimistik; spekulan beli	lembuan ⁺ /naik ⁺ ; lembu jantan (MBIM: penelah naik)
bull market ⁺	pasar tanjak/gairah/{naik panjang}	pasaran lembuan ⁺ /naik
bullet ⁺⁺ bullet repayment ⁺	sekaligus; peluru? bayaran balik sekaligus?	sekaligus; peluru bayaran balik sekaligus
bunching ⁺⁺	penggugusan; penggabungan amanat	pengumpulan
bunching of repayment ⁺	penggabungan pembayaran pokok angsuran	pengumpulan bayaran balik
bundle (expr: associated, fibre, holonomy, homomorphism, induced, normal, principal, principal fibre, reduced, tensor, vector, tangent, vector)	berkas/unting bdg: beam	berkas
buoy [#]	pelampung; bui; boyo [bairup tiada dlm KBBI]	pelampong; bairup/boya [jenis pelampung drp Eropah]; mengampungkan [to buoy up]

buoyant force ⁺	gaya/kakas apung?/timbul?	daya apung/timbul ⁺
buoyed up [#]	bergandung?	bergandung [keadaan perahu yang dimbangi dengan buluh menjulur kiri-kanannya]
burden ⁺	ulangan; beban?	beban
burden costing ⁺	{penentuan biaya/ongkos}/ pembiayaan/pengongkosan beban?	{penentuan kos}/pengekosan beban
bursary ⁺	bursa/permendaharaan?	permendaharian ⁺ (MBIM: bursa)
bursar ⁺	bendaharawan/bendahari/bendahara	bendahari
bus	bus	bas
business ⁺	bisnes	niaga; perniagaan; urusan (MBIM) (MABBIM: perniagaan)
businesslike ⁺	lugas?	lugas
businessmen ⁺	pebisnis; pengusaha; usahawan	peniaga/niagawan ⁺
bust ⁺ busted bond ⁺	pecah? obligasi pecah?	pecah bon pecah
buying policy ⁺	kebijakan pembelian	dasar pembelian* (MBIM:... beli)
by-product cost ⁺	biaya/ongkos produk sampingan	kos keluaran/produk ⁺ sampingan
byte	byte/bita	bait
byte per inch [bpi]	byte/bita per inci [bpi]	bait per inci [bpi] (MABBIM: bait seinci)

@@@@@@@@@@@@@@@



Pengelasan Sains Matematik PERSAMA 2000

Perinciannya ada dalam Warkah Berita PERSAMA 1999

Aljabar [Aj1-77.xxxx]

Am dan pelbagai [Am1-11.xxxx]

Analisis [As1-77.xxxx]

Ekonomi Matematik [EM1-37.xxxx]

Geometri, topologi dan manifold [G1-46.xxxx]

Landasan, sejarah dan falsafah sains matematik [L1-9.xxxx]

Matematik biologi dan perubatan (biologi matematik, biomatematik, biostatistik, dsbnya) [MB1-33.xxxx]

Matematik Fizik/Fizik matematik [MF1-36.xxxx]

Pendidikan Sains Matematik [PdSM1-11. 97xx]

Pengoptimuman dan Kawalan [PoK1-32.xxxx]

Penyelidikan Operasi dan Sains Pengurusan [Pop1-12.xxxx]

Sains Komputer [SK1-26.xxxx]

Sains Matematik Aktuari dan Keewangan, Kejuruteraan Keewangan [SMAK1-16.62P05(s)]

Sains Matematik Industri [SMI1-40.xxxx]

Sains Matematik Kejuruteraan [SMKj1-47.xxxx]

Sains Matematik Mutu dan Daya Pengeluaran [SMDP1-13.xxxx]

Sains Matematik Pengurusan [SMPu1-40.xxxx]

Sistem Dinamik dan yang berhubungan dgannya [SD1-12.xxxx]

Statistik dan kebarangkalian [St1-30.xxxx]

Sains Matematik Yang Lain [SML1-14.xxxx]

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PENGELASAN SAINS MATEMATIK MASTIC 2003

Mulai 2003 *MASTIC*, Kementerian Sains, Teknologi dan Alam sekitar (kini Kementerian sains, Teknologi dan Inovasi), memperkenal pengelasan sains matematik yang baru hasil daripada rundingan dengan beberapa orang ahli sains matematik undangannya termasuklah Presiden PERSAMA. Pihak PERSAMA cuba mengetengahkan Pengelasan Sains Matematik PERSAMA 2000 itu, tetapi ditolak oleh pihak *MASTIC* atas alasan perubahan besar seperti itu tidak sesuai dengan rangka pengelasan ilmu yang diamalkan oleh *MASTIC* selama ini yang berasaskan pada perakuan perundingnya dari Australia. Jelaslah buat beberapa ketika ini *MASTIC* masih mahu mengekalkan kerangka pengelasan sains matematik dari perundingnya itu. Sebelum itu, permohonan Presiden PERSAMA (secara bertulis) agar pengelasan ini dibuat dalam dwibahasa Melayu-Inggeris juga, malangnya tidak dilayan (agaknya sesuai dgn dasar baru bahasa baru Malaysia sejak 2003 itu). Dengan kekangan ini sarjana sains matematik tempatan yang dirunding itu terpaksa berkompromi lalu menghasilkan pengelasan *MASTIC* 2003 ini yang layak dinamai Pengelasan Sains Matematik *MASTIC* 2003 sahaja. Para pemohon projek *IRPA* mulai 2003 ini perlulah menggunakan pengelasan ini.

F1010100 Mathematics

- F1010101 Approximation Theory
- F1010102 Calculus of Variation
- F1010103 Category Theory, K-Theory and Homological Algebra
- F1010104 Combinatorics
- F1010105 Control Theory
- F1010106 Difference, Differential, Integral, Integro-Differential and Functional Equations
- F1010107 Dynamical Systems
- F1010108 Field Theory
- F1010109 Fourier and Harmonic Analysis
- F1010110 Functional Analysis
- F1010111 Fuzzy Mathematics
- F1010112 Geometry, Topology and Manifolds
- F1010113 Global Analysis and Bifurcation
- F1010114 Group Theory and Generalisations
- F1010115 History and Philosophy
- F1010116 Indigenisation and Islamisation
- F1010117 Linear and Multilinear Algebra
- F1010118 Mathematical Logic and Set Theory
- F1010119 Mathematical Programming and Optimisation
- F1010120 Number Theory
- F1010121 Numerical Analysis
- F1010122 Operations Research
- F1010123 Real and Complex Functions
- F1010124 Rings and Algebras

F1010125 Several Complex Variables
 F1010199 Other Mathematics

F1010200 Statistics

F1010201 Decision Theory
 F1010202 Experimental Design and Analysis
 F1010203 Exploratory Data Analysis
 F1010204 History and Philosophy
 F1010205 Indigenisation and Islamisation
 F1010206 Multivariate Analysis
 F1010207 Observational Studies
 F1010208 Probability and Distribution Theory
 F1010209 Quality and Productivity Measurement
 F1010210 Sampling and Survey Techniques
 F1010211 Statistical Computing
 F1010212 Statistical Inferences
 F1010213 Statistical Modelling
 F1010214 Stochastic Analysis and Modelling
 F1010215 Survival and Reliability Analysis
 F1010216 Time Series and Spatial Analysis
 F1010299 Other Statistics

F1010300 Mathematics and Statistics for ICT and Industries

F1010301 Algorithms and Cryptology
 F1010302 Artificial Intelligence
 F1010303 Circuit and Networks
 F1010304 Computational Methodology and Complexities
 F1010305 Computer Systems Organisation
 F1010306 Computer-Aided Geometric Design (CAGD)
 F1010307 Deterministic and Stochastic Difference, Differential, Integral, Integro-Differential and Functional Equations
 F1010308 Discrete Mathematics
 F1010309 Dynamical Systems
 F1010310 Experimental Mathematics
 F1010311 Industrial Computing
 F1010312 Industrial Statistics
 F1010313 Industrial Optimisation and Control
 F1010314 Information and Communication
 F1010315 Applied Logic and Automata
 F1010316 Natural Language Programming
 F1010317 Software Engineering
 F1010399 Other mathematics and Statistics for ICT and Industries.

F1010400 Applications of Mathematics and Staistics in Other Areas

F1010401 Actuarial Mathematics
 F1010402 Biological and Medical Sciences
 F1010403 Business, Financial and Managerial Sciences
 F1010404 Celestial Mechanics, Mathematical Astro[physics and Cosmology
 F1010405 Deformed solid Mechanics
 F1010406 Economics
 F1010407 Fluid Mechanics

- F1010408 Optics and Electromagnetism
 - F1010409 Particle, Rigid Bodies and System Mechanics
 - F1010410 Potential Theory
 - F1010411 Quality Assurance and Standard
 - F1010412 Quantum Theory
 - F1010413 Relativity
 - F1010414 Social Sciences and Humanities
 - F1010415 Statistical Mechanics and Structure of Matter
 - F1010416 Thermodynamics and Heat Transfer
 - F1010417 Unified Theory and Theory of Everything
 - F1010499 Other Areas of Application of Mathematics and Statistics

F1010500 Mathematical Science Education

- F1010501 Curriculum Development and Teaching Methods
 - F1010502 Education and Instruction
 - F1010503 Education Policy and System
 - F1010504 Educational Material and Media, and Educational Technology
 - F1010505 Mathematical Ethnoscience and Islamic Education
 - F1010506 Popularisation and Acculturation
 - F1010507 Psychology
 - F1010599 Other Areas in Mathematical Science Education

F1019900 Other Mathematical Sciences Not Elsewhere Classified

Sumber: Malaysian Research and Development Classification System 2002. MOSTE. 4th ed.

(Sila potong atau salin foto borang ini untuk tindakan anda yang sewajarnya)

PEMBAHARUAN KEAHLIAN PERSAMA

Bendahari PERSAMA
d/a Pusat Sains Matematik
FST, Universiti Kebangsaan Malaysia
Bangi 43600.

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Bersama-sama ini saya sertakan cek.....

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Pekerjaan:

Nama Institusi/Firma/Tempat Kerja:

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Nama Sekolah/Kolej/Universiti/Tempat Belajar (Untuk Ahli Institusi sahaja):

Perakuan Status Pelajar (Untuk Permohonan menjadi Ahli Pelajar sahaja):

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