

References

- Abbott, A., Nosengo, N. (2014), Italian seismologists cleared of manslaughter. *Nature* **515**, 171. <https://doi.org/10.1038/515171a>
- Adamatzky, A, (2013), Towards slime mould colour sensor: Recognition of colours by *Physarum polycephalum*, *Preprint submitted to Organic Electronics, 15 December 2013*, <https://arxiv.org/pdf/1312.4139.pdf>
- Addams, R. (1834). An account of a peculiar optical phenomenon seen after having looked at a moving body. *London and Edinburgh Philosophical Magazine and Journal of Science*, **5**, 373–374
- Alim, K, Andrew, A, Pringle, A, and Brenner, M. P., (2017), Mechanism of signal propagation in *Physarum polycephalum*, *PNAS*, **144**, 5136–5141
- Allwood, J. (2000), The Structure of Dialogue, in *The Structure of Multimodal Dialogue II*, (Taylor, M.M., Néel, F, and Bouwhuis, D.G., Eds.), Philadelphia and Amsterdam: John Benjamins.
- Andrejevic, J., Lee, L.M., Rubinstein, S. M., & Rycroft, C. H. (2021), A Model for the Fragmentation Kinetics of Crumpled Thin Sheets, *Nature Communications*, (2021) 12:1470, <https://doi.org/10.1038/s41467-021-21625-2>
- Ashby, W.R. (1952, 1960), Design for a Brain: the origin of adaptive behaviour, London, Chapman & Hall, 2nd Ed, available at <https://ia802605.us.archive.org/34/items/designforbrainor00ashb/designforbrainor00ashb.pdf> (Retrieved 2021.09.22).
- Atkinson, Q. D., Meade. A., Vendetti, C., Greenhill, S. J., and Pagel, M. (2008), Languages evolve in punctuationary bursts, *Science*, **319**, 588.
- Bagno, S, (1955), The Communication Theory Model and Economics, *IRE Convention Record Part 4, Computers, Information Theory, Automatic Control*. Facsimile available online at <<http://www.mmtaylor.net/Economics/Bagno/index.html>>.
- Bar-Gad, I., & Bergman, H. (2001), Stepping out of the box: information processing in the neural networks of the basal ganglia. *Current opinion in neurobiology*, **11**, 689-695.
- Baum, D.A., Baum, B., (2014), An inside-out origin for the eukaryotic cell. *BMC Biol* **12**, 76. <https://doi.org/10.1186/s12915-014-0076-2>
- Beach, L. R. and Wise, J. A. (2022), *The Theory of Narrative Thought*, Cambridge Scholars Publishing, ISBN 978-1-5175-8162-3
- Bell, C. C., Caputi, A., Grant, K., & Serrier, J. (1993), Storage of a sensory pattern by anti-Hebbian synaptic plasticity in an electric fish. *Proceedings of the National Academy of Sciences*, **90**, 4650-4654.
- Bell, C. C., Han, V. Z., Sugawara, Y., & Grant, K. (1997), Synaptic plasticity in a cerebellum-like structure depends on temporal order. *Nature*, **387**, 278-281.
- Bjørke, J.-T., (1996), Framework for Entropy-based Map Evaluation, *Cartography and Geographic Information Systems*, **23**, 78-95, <https://doi.org/10.1559/152304096782562136>

- Bjørke, J.-T., (2003), Generalization of road networks for mobile map services: an information theoretic approach, *Proceedings of the 21st International Cartographic Conference*, 127-135.
- Bjørke, J.-T., (2006), Reduction of complexity: an aspect of network visualization, in: RTO-MP-IST-063 *Visualising Network Information*, NATO Conference, Copenhagen, Denmark, NATO, 2006, pp. 9–1 to 9–10, ISBNs 92-837-1156-4 or 978-92-837-1156-8.
- Bjørke, J.-T., & Myklebust, I., (2001), Map generalization: Information theoretic approach to feature elimination, *Proceedings of ICC97, 18th International Cartographic Conference*
- Bjørke, J.-T., Nilsen, S., and Varga, M. (2010), Visualization of network structure by the application of hypernodes, *International Journal of Approximate Reasoning*, 51, 275–293
- Black, J.A., Cunningham, G., Ebeling, J., Flückiger-Hawker, E., Robson, E., Taylor, J., and Zólyomi, G., *The Electronic Text Corpus of Sumerian Literature* (<http://etcsl.orinst.ox.ac.uk/>), Oxford 1998–2006.
- Boltzmann, L. (1877), *Über die Beziehung zwischen dem zweiten Hauptsatze des mechanischen Wärmetheorie und der Wahrscheinlichkeitsrechnung, respective den Sätzen über das Wärmegleichgewicht*. kk Hof-und Staatsdruckerei.
- Bögels, S., Magyari, L., and Levinson, S. C. (2015), Neural signatures of response planning occur midway through an incoming question in conversation, *Scientific Reports*, 5, Article 12881.
- Bouma, H. (1971), Visual recognition of isolated lower-case letters, *Vision Research*, 11, 459-474.
- Brady, T. F., & Oliva, A. (2012), Spatial frequency integration during active perception: perceptual hysteresis when an object recedes. *Frontiers in psychology*, 3.
- Brewer, J., Gelfand, M., Jackson, J. C., MacDonald, I. F., Peregrine, P. N., Richerson, P. J., ... & Wilson, D. S. (2017). Grand challenges for the study of cultural evolution. *Nature Ecology & Evolution*, 1(3), 1-3.
- Burns, R. (1785), *To a Mouse, on Turning Her Up in Her Nest With the Plough*, November, 1785, Retrieved from Wikipedia 2020.01.24.
- Carey, T. A. (2006), *The Method of Levels*, Hayward, CA, USA: Living Control Systems Publishing.
- Carey, T. A. (2008), Conflict, as the Achilles Heel of Perceptual Control, Offers a Unifying Approach to the Formulation of Psychological Problems. *Counselling Psychology Review* 23:5-16.
- Carlson, A. (1990), Anti-Hebbian learning in a non-linear neural network. *Biological cybernetics*, 64(2), 171-176.
- Carroll, L (1876), *The Hunting of the Snark*, London: MacMillan. (Available from <<http://www.gutenberg.org>> as of 2017.04.27>
- Carroll, L. (1871), *Through the Looking Glass, and What Alice Found There*. London, MacMillan.
- Castro-Nallar E, et al. (2015) Composition, taxonomy and functional diversity of the oropharynx microbiome in individuals with schizophrenia and controls, *PeerJ*, 3:e1140, doi.org/10.7717/peerj.1140
- Chvykov, P, Berrueta, T. A., Vardham, A., et al. (2021), Low Rattling: a predictive principle for self-organization in active collectives, *Science*, 371, 90-95, doi: 10.1126/science.abc6182
- Clarke, A. C. (1962/1973), "Hazards of Prophecy: The Failure of Imagination" in *Profiles of the Future: An Enquiry into the Limits of the Possible* (1962, rev. 1973).

Cossell, L., Iacaruso, M. F., Muir, D. R., Houlton, R., et al. (2015), Functional Organization of excitatory synaptic strength in primary visual cortex, *Nature*, 318, 399-403.

Coward, F., & Dunbar, R. I. M., (2014). Communities on the Edge of Civilization. Chapter 22 in Dunbar, R. I., Gamble, C., & Gowlett, J. A. (Eds.). *Lucy to language: the benchmark papers*. Oxford University Press.

Craik, K. H. (1970), Environmental Psychology, in *New Directions in Psychology*, 4, Holt Rhinehart and Winston.

Crespo-Sancho, C. (2017). Conflict prevention and gender. *Background Paper for World Bank and UN Sustaining peace: Making development work for the prevention of violent conflicts*. Flagship Report. Washington, DC, and New York: World Bank and UN.

Cunningham, W. B. and Taylor, M. M., 1994, Information for Battle Command, Military Review, 74/11, 81-84.

Cuskley C.F., Pugliese M., Castellano C., Colaiori F., Loreto V., et al. (2014) Internal and External Dynamics in Language: Evidence from Verb Regularity in a Historical Corpus of English. *PLoS ONE* 9: e102882. doi:10.1371/journal.pone.0102882

Cynader, M., Berman, N., and Hein, A., 1973, Cats reared in Stroboscopic Illumination: Effects on Receptive Fields in Visual Cortex, *Proc. Nat. Acad. Sci. USA*, 70, 1353-1354

Cynader, M., Berman, N., and Hein, A., 1976, Recovery of Function in Cat Visual Cortex Following Prolonged Deprivation, *Exptl., Brain Res.*, 25, 139-156.

D'Agostino, B. (1995), Self-images of Hawks and Doves: A Control Systems model of Militarism., *Political Psychology*, 16, 259-295.

Dance, A. (2021), The mysterious microbes at the root of complex life., *Nature*, 385, 328-330.

Daniel, J.W. and Rusch, H.P. (1961) The Pure Culture of *Physarum polycephalum* on a Partially Defined Soluble Medium, *J. gen. MicroMol.*, 25, 47-59

Darwin, C. (1899), *The Expression of Emotions in Man and Animals*, D. Appleton. (freely available at <http://www.ujuzi.com.ng/books/storage/books/files/2da85f1c085874bfbbe1b8ab82897322.pdf>, retrieved 2015.13.07)

Debertolis, Tarabella, & Marcuccetti (2018), Archaeoacoustic analysis of a dolmen on Mount Freddone, Italy, In *The 6th International Virtual Conference on Advanced Scientific Results*.

Dedekind, R. (1901), *Essays on the Theory of Numbers*, "Continuity and Irrational Numbers," Chicago, The Open Court Publishing Company (Beman, W.W. translator), (Retrieved from <http://www.gutenberg.org/ebooks/21016>, December 24, 2014),

De Boysson-Bardies, B, Sagart, L and Durand, C (1984), Discernible differences in the babbling of infants according to target language. *Journal of Child Language*, 11, pp 1-11. doi:10.1017/S0305000900005559.

Deans, E. (2016), Microbiome and mental health in the modern environment, *Journal of Physiological Anthropology*, 36:1, doi.org/10.1186/s40101-016-0101-y

Dickerson, F., Severance, E., & Yolken, R. (2017). The microbiome, immunity, and schizophrenia and bipolar disorder. *Brain, Behavior, and Immunity*, 62, 46–52. <http://doi.org/10.1016/j.bbi.2016.12.010>

- Donders, F. (1862), Die Schnelligkeit psychischer Prozesse, *Archiv Anatomische Physiologie und wissenschaftliche Medizin, Berlin*, 657-681.
- Dumas, A. (1844), *The Three Musketeers*, (W. Robson, translator, 1895, Available from iBooks).
- Einstein, A (1922/Fourth Edition 1950), *The Meaning of Relativity*, London: Methuen.
- Engel, F.L. and Haakma, R. (1993), Expectations and feedback in user-system communication, *International Journal of Human-Computer Studies*, 50, 489-520.
- Everett, C., Blasi, D.E., and Roberts, S.G. (2015), Climate, vocal folds, and tonal languages: Connecting the physiological and geographic dots, *Proc. Nat. Acad. Sci. USA*, 112, 1322-1327, doi: 10.1073/pnas.1417413112
- Falconbridge, M. S., Stamps, R. L., & Badcock, D. R. (2006), A simple Hebbian/anti-Hebbian network learns the sparse, independent components of natural images. *Neural Computation*, 18(2), 415-429.
- Farrell, P. S. E., Hollands, J. G., Taylor, M. M. and Gamble, H. D. (1999), Perceptual control and layered protocols in interface design: I. Fundamental concepts, *Int. J. Human-Computer Studies*, 50, 489-520.
- Fazenda, B. (2017), Cave acoustics in prehistory: Exploring the association of Palaeolithic visual motifs and acoustic response, *The Journal of the Acoustical Society of America* 142, 1332; <https://doi.org/10.1121/1.4998721>
- Fleitmann, D. and 8 others, Droughts and societal change: The environmental context for the emergence of Islam in late Antique Arabia, *Science*, 376, 1317-1321.
- Flowers, S. A. & Ellingrod, V. L. (2015), The Microbiome in Mental Health: Potential Contribution of Gut Microbiota in Disease and Pharmacotherapy Management, *Pharmacotherapy*, 35, 910-916, <https://doi.org/10.1186/s40101-016-0101-y>
- Fourier, J., (1822), *Théorie de la Chaleur*, Paris, Firmin Didot
- Földiak, P. (1990), Forming sparse representations by local anti-Hebbian learning. *Biological cybernetics*, 64, 165-170
- Frank, Roslyn M. (2003). Shifting Identities: The metaphysics of nature-culture dualism in Western and Basque models of self, *Metaphorik.de* 4: 66-96.
- French, S.F., Geissmann, Q. Beckwith, E.J., and Gilestro, G.F. (2021), Sensory processing during sleep in *Drosophila melanogaster*. *Nature*, 598, 479-482. doi:10.1038/s41586-021-03954-w
- Friston, K (2010), The free-energy principle: a unified brain theory?, *Nature Reviews: Neuroscience*, 11, 127-138.
- Friston, K. J., Da Costa, L., and Parr, T. (2021), Some Interesting Observations on the Free Energy Principle, *Entropy*, 23, 1076; <https://doi.org/10.3390/e23081076>
- Gabora, L., Beckage, N. M., and Steele, M. (2021), An Autocatalytic Network Model of Conceptual Change, in *Networks of the Mind: How Can Network Science Elucidate Our Understanding of Cognition?*, Thomas T. Hills and Yoed Kenett (Eds). doi: 10.1111/tops.12583
- Garner, W. R. (1954). Context effects and the validity of loudness scales. *Journal of experimental psychology*, 48(3), 218.
- Garner, W. R. (1958). Advantages of the discriminability criterion for a loudness scale. *The Journal of the Acoustical Society of America*, 30, 1005-1012.

- Garner, W.R. (1962), *Uncertainty and Structure as Psychological Concepts*. New York; Wiley.
- Garner, W. R. (Work in the 1960's; specific references to be looked up).
- Garner, W.R. and McGill,W.J. (1956), The Relation between Information and Variance Analyses, *Psychometrika*, 21, 219-228.
- Gibbs, J.W. (1902), *Elementary Principles in Statistical Mechanics*, New York: Charles Scribner's Sons.
- Gibson, J. J. (1933), Adaptation, after-effect, and contrast in the perception of curved lines, *J. exp. Psychol.*, 16, 1-31.
- Gibson, J. J. (1966). *The Senses Considered as Perceptual Systems*. London, Allen and Unwin.
- Gibson, J. J. and Radner, M. (1937) Adaptation, after-effect and contrast in the perception of tilted lines. I. Quantitative Studies., *J. exp. Psychol.*, 20, 453-467.
- Gimbutas, M. A. (1974), *The Gods and Goddesses of Old Europe: 7000-3500 BC*, London, Thames and Hudson; Berkeley, U. of California Press.
- Gimbutas, M. A. (2001), *The Living Goddesses*, Berkeley, Los Angeles, London: U. of California Press
- Girolami, M., & Fyfe, C. (1997), An extended exploratory projection pursuit network with linear and nonlinear anti-Hebbian lateral connections applied to the cocktail party problem. *Neural Networks*, 10, 1607-1619.
- Gottesman, O., Andrejevic, J., Rycroft, C. H. & Rubinstein, S. M. (2018), A state variable for crumpled thin sheets. *Commun. Phys.* 1, 70.
- Gould, R. T. (1965), *Oddities*, New York: University Books.
- Grassé, P.-P. (1959), La reconstruction du nid et les coordinations interindividuelles chez Bellicositermes natalensis et Cubitermes sp. la théorie de la stigmergie: Essai d'interprétation du comportement des termites constructeurs, *Insectes Sociaux*, 6, 41–80
- Graeber, D. and Wengrow, D. (2021), *The Dawn of Everything: A New History of Humanity*, UK: Allen Lane.
- Habets, B., Bruns, P. and Röder, B (2017), Experience with crossmodal statistics reduces the sensitivity for audio-visual temporal asynchrony, *Scientific Reports*, 7, 1486, (DOI:10.1038/s41598-017-01252-y).
- Harding, G (1968), The Tragedy of the Commons, *Science*, 162, 1243-1248.
- Harrar, V. and Spence, C. (2013), The taste of cutlery: how the taste of food is affected by the weight, size, shape, and colour of the cutlery used to eat it. *Flavour* 2, article 21. <https://doi.org/10.1186/2044-7248-2-21>
- Harris, Z. S. (1982), *A Grammar of English on Mathematical Principles*, John Wiley and Sons.
- Hebb, D. C. (1949), *The organization of behavior: A neuropsychological approach*. John Wiley & Sons.
- Heylighen, F. (2016a), Stigmergy as a universal coordination mechanism I: Definition and components, *Cognitive Systems Research*, 38, 4-13.

Heylighen, F. (2016a), Stigmergy as a universal coordination mechanism II: Varieties and evolution, *Cognitive Systems Research*, 38, 50-59.

Hein, A., Held, R., and Gower, C., (1970), Development and Segmentation of Visually Controlled Movement by Selective Exposure During Rearing, *J. Comparative and Physiological Psychology*, 73, 181-187.

Held, R. and Bossom, J., (1961), Neonatal Deprivation and Adult Rearrangement: Complementary Techniques for analyzing Plastic Sensory-Motor Coordinations, *J. Comparative and Physiological Psychology*, 54, 33-37.

Held, R. and Hein, A., (1963), Movement-Produced Stimulation in the Development of Visually Guided Behavior, *J. Comparative and Physiological Psychology*, 56, 872-876.

Herculano-Houzel, S., (2010). Coordinated scaling of cortical and cerebellar numbers of neurons. *Front. Neuroanat.* 4. [doi:10.3389/fnana.2010.00012](https://doi.org/10.3389/fnana.2010.00012).

Hock, H. S., Kelso, J. S., & Schöner, G. (1993), Bistability and hysteresis in the organization of apparent motion patterns. *Journal of Experimental Psychology: Human Perception and Performance*, 19, 63.

Hogben, L. (1964), *The Mother Tongue*, London: Secker and Warburg.

Howard, F. L. (1931). Laboratory cultivation of myxomycete plasmodia. *Amer. J. Bot.* 18, 624 (referenced by Daniel and Rusch, 1970)

Hubel, D. H., & Wiesel, T. N. (1962). Receptive fields, binocular interaction and functional architecture in the cat's visual cortex. *The Journal of physiology*, 160, 106-154.

Hughes, R. (1980), *The Shock of the New: Art and the Century of Change*, BBC Books, 1980, ISBN 10: 0563177802ISBN 13: 9780563177807. (The book of a TV Series of the same title)

Hyvärinen, A., & Oja, E. (1998), Independent component analysis by general nonlinear Hebbian-like learning rules. *Signal Processing*, 64, 301-314.

Ignatieff, G. (1985) *The making of a peacemonger*. Toronto: University of Toronto Press.

Imachi, H., Nobu, M.K., Nakahara, N. et al. (2020), Isolation of an archaeon at the prokaryote–eukaryote interface. *Nature* 577, 519–525. <https://doi.org/10.1038/s41586-019-1916-6>

Ito, H., and Yoshimura, J. (2015), Social penalty promotes cooperation in a cooperative society, *Scientific Reports*, 5, Article 12797

James. W. (1890), *Principles of Psychology*, Dover Publications 1950, vol. 1: [ISBN 0-486-20381-6](#), vol. 2: [ISBN 0-486-20382-4](#)

Jeon, S. and 20 others (2021), Reversible order-disorder transitions in atomic crystal nucleation, *Science*, 371, 498-503.

Johnson, T., Zhou, S., Cheah, W., Mansell, W., Young, R. & Watson, S. (2020), Implementation of a Perceptual Controller for an InvertedPendulum Robot, *Journal of Intelligent & Robotic Systems*, 99, 683–692

Kahneman, D. (2011). *Thinking, fast and slow*. Farrar, Straus and Giroux.

Kang, D.-W. et al. 2017, Reduced Incidence of Prevotella and Other Fermenters in Intestinal Microflora of Autistic Children, *PLOS one*, July 3 2013, doi.org/10.1371/journal.pone.0068322

Kanji, S., Fonseka, T.M., Marshe, V.S. et al. (2018), The microbiome-gut-brain axis: implications for schizophrenia and antipsychotic induced weight gain, *Eur. Arch. Psychiatry Clin. Neurosci.*, 268, 3-15, doi.org/10.1007/s00406-017-0820-z

Kauffman, S. (1995), *At Home in the Universe*, New York and Oxford, Oxford University Press.

Kim, H.-J. (2015), North and South Koreans are speaking increasingly different languages, *The Globe and Mail, Toronto, March 14 2015*, (p. A19)

Kintigh, K. W., Altschul, J. H., Beaudry, M. C., Drennan, R. D., Kinzig, A. P., Kohler, T. A., ... & Peregrine, P. (2014). Grand challenges for archaeology. *American Antiquity*, 79, 5-24.

Koch, G., Ponzo, V., Di Lorenzo, F., Caltagirone, C., & Veniero, D. (2013), Hebbian and anti-Hebbian spike-timing-dependent plasticity of human cortico-cortical connections. *The Journal of Neuroscience*, 33, 9725-9733.

Kohler, A. C. et al. (2016), The Gut-Brain Axis, Including the Microbiome, Leaky Gut and Bacterial Translocation: Mechanisms and Pathophysiological Role in Alzheimer's Disease, *Current Pharmaceutical Design*, Volume 22, Number 40, November 2016, pp. 6152-6166(15).

Kolmogorov,

Koopmans-van Beinum, F. J., Clement, C. J. and Van Den Dikkenberg-Pot, I. (2001), Babbling and the lack of auditory speech perception: a matter of coordination?. *Developmental Science*, 4: 61-70, doi: 10.1111/1467-7686.00149

Korzybski, Alfred (1933). *Science and Sanity. An Introduction to Non-Aristotelian Systems and General Semantics*. The International Non-Aristotelian Library Pub. Co. pp. 747-761.

Kosko, B. (1990), Fuzziness vs. Probability, *Int. J. General Systems*, 17, 211-240. Retrieved from <http://sipi.usc.edu/~kosko/Fuzziness_Vs_Probability.pdf> 2011.04.03.

Kullmann, D. M., & Lamsa, K. (2008), Roles of distinct glutamate receptors in induction of anti-Hebbian long-term potentiation. *The Journal of physiology*, 586, 1481-1486.

Kumar, M., Husian, M., Upreti, N. & Gupta D. (2010) Genetic Algorithm: Review and Application, *International Journal of Information Technology and Knowledge Management*, 2, 451-454 (available online at https://papers.ssrn.com/sol3/papers.cfm?abstract_id=3529843 as of 2020.12.28)

Lamsa, K. P., Heeroma, J. H., Somogyi, P., Rusakov, D. A., & Kullmann, D. M. (2007), Anti-Hebbian long-term potentiation in the hippocampal feedback inhibitory circuit. *Science*, 315(5816), 1262-1266.

Langer, W. C. (1972), *The mind of Adolf Hitler: The Secret Wartime Report*, New York: Basic Books.

Leca J-B, Gunst N, Gardiner.M, Wandia I.N. (2021), Acquisition of object-robbing and object/food-bartering behaviours:a culturally maintained token economy in free-ranging long-tailed macaques. *Phil.Trans. R. Soc. B* 376: 20190677. <https://doi.org/10.1098/rstb.2019.0677>

Leslie, A. B., Simpson, C., and Mander, L., (2021), Reproductive innovations and pulsed rise in plant complexity, *Science*, 373, 1368-1372. doi:10.1126/science.abe7252

Lieb, E.H. & Yngvason, J. (2000), A Fresh Look at Entropy and the Second Law of Thermodynamics, *Physics Today*, 53, 32-37 ; doi: 10.1063/1.883034

Lieberman, E., Michel, J.-B., Jackson, J., Tang, T. & Nowak, M.A., Quantifying the evolutionary dynamics of language, *Nature*, 449, 713-716.

Loftus, E. F. (2005), Planting misinformation in the human mind: A 30-year investigation of the malleability of memory, *Learning and Memory*. 12, 361-366, doi:10.1101/lm.94705

Lovelock, J. E. (1972). "Gaia as seen through the atmosphere". *Atmospheric Environment*. 6 (8): 579–580.

Katsuki & Kikuchi (2011), *New Journal of Physics* 13(6):063049, DOI: 10.1088/1367-2630/13/6/063049

Kauffman, (1995), *At Home in the Universe*,

Mach, E. (1865), Über die wirkung der raumlichen Vertheilung des Lichterizes auf die netzhaut, I. Sitzungsberichte der mathematisch-naturwissenschaftlichen Classe der kaiserlichen, *Akademie der Wissenschaften*, 52, 303-322

MacKay, C. (1852), *Extraordinary Popular Delusions and the Madness of Crowds* (2nd Ed.), London: Office of the National Illustrated Library, (Reprint L.C. Page, 1932),

Mackay, D. M. (1950), XXIV. Quantal aspects of scientific information. *Philosophical Magazine*, 41(314), 289-313.

MacKay, D. M. (1953), Quantal aspects of scientific information. *Information Theory, Transactions of the IRE Professional Group on*, 1, 60-80.

Mansell, W. (Ed., 2020), *Interdisciplinary Handbook of Perceptual Control Theory: Living Control Systems IV*, Elsevier.

Mansell, W, Carey, T. A. & Tai, S.J., 2012. *A Transdiagnostic Approach to CBT using Method of Levels Therapy*. New York: Routledge.

Marcel, A. J. (1980), Conscious and preconscious recognition of polysemous words: Locating the selective effect of prior verbal context, In *Attention and Performance 8* (R. S. Nickerson, Ed.) Hillsdale, N.J.: Lawrence Erlbaum Associates.

Marken, R. S. (1986), Perceptual Organization of Behavior: a hierarchical control model of coordinated action, *J. Exp. Psych.: Human perception and Performance*, 12, 267-276 (reproduced in Marken, 1995)

Marken, R. S. (1995), *Mind Readings: Doing Research on Purpose*, Chapel Hill, USA: New View Publications.

Marken, R. S. (1999), PERCOLATE: Perceptual control analysis of tasks. *Int. J. Human-Computer Studies*, 50, 481-487.

Marken, R.S, (2014), *Doing Research on Purpose*, St. Louis, MO: New View (report available from <http://www.mindreadings.com/BehaviorallIllusion.pdf>)

Marken, R. S. and Powers, W. T. (1989), Levels of Intention in Behavior, in *Volitional Action*, W. A. Hershberger (Ed.), Elsevier Science Publishers B. V., 1989, 409-430.

Marken, R. S., Mansell, W. & Khatib, Z. (2013) Motor Control as the Control of Perception, *Perceptual and Motor Skills*, 117, 236-247. doi: 10.2466/24.24.PMS.11715z2

Markram, H., Lübke, J., Frotscher, M., & Sakmann, B. (1997), Regulation of synaptic efficacy by coincidence of postsynaptic APs and EPSPs. *Science*, 275(5297), 213-211.

Martinez-Condé, S., Macknik, S. L. & Hubel, D. H. (2004), The Role of Fixational Eye-Movements in Visual Perception, *Nature Reviews Neuroscience*, 5, 229-240.

- Marx, K (1848), The Communist Manifesto, (Ed. F. Engels), (Available from iBooks, 2017.04.16)
- McCamy M. B., Collins N, Otero-Millan J, Al-Kalbani M, Macknik SL, Coakley D, Troncoso X. G., Boyle G, Narayanan V, Wolf T, Martinez-Conde S. (2013) Simultaneous recordings of ocular microtremor and microsaccades with a piezoelectric sensor and a video-oculography system. *PeerJ* 1:e14 <https://doi.org/10.7717/peerj.14>
- McCann, C.A., Taylor, M. M., and Tuori, M. I., (1988). ISIS: The interactive spatial information system, *Int. J. Man-Machine Studies*, 28, 101-138.
- McClelland, K. (1993), *Conflictive Control*, Presentation to the Control Systems Group meeting, Durango CO USA, (movie available from <http://mmtaylor.net/PCT/Movie/McClelland_CSG93.mp4> retrieved 2015/02/12).
- McClelland, K. (1994). Perceptual control and social power. *Sociological Perspectives*, 37, 461-496.
- McClelland, K. (2004), Collective Control of Perception: Constructing Order from Conflict, *Int. J. Human-Computer Studies*, 60, 65-99.
- McClelland, K. (2006), Understanding Collective Control Processes, In *Purpose, Meaning, and Action: Control Systems Theories in Sociology*, (McClelland, K. and Fararo, T.J., Eds.), New York: Palgrave Macmillan. pp 31-56.
- McClelland K. (2014), Cycles of Conflict: A Computational Modeling Alternative to Collins's Theory of Conflict Escalation, *Sociological Theory*, 32, 100-127, doi: 10.1177/0735275114536387
- McCluhan, M. (1967), *The Medium is the Message: An Inventory of Effects*, London; Penguin Books.
- McCollough, ?. (1963)
- McCollough-Howard and Webster (2011)
- McDermott, A. (2021) Science and Culture: At the nexus of music and medicine, some see treatments for disease, *PNAS* 118 (4) e2025750118; <https://doi.org/10.1073/pnas.2025750118>
- McGurk and MacDonald
- Meshik, A. P. , Hohenberg, C. M., and Pravdivtseva, O.V. (2004), Record of Cycling Operation of the Natural Nuclear Reactor in the Oklo/Okelobondo Area in Gabon, *Phys. Review Lett.*, 93, 182302-1-4, doi: 10.1103/PhysRevLett.93.182302
- Michel, J. B., Shen, Y. K., Aiden, A. P., Veres, A., Gray, M. K., Pickett, J. P., ... & Aiden, E. L. (2011), Quantitative analysis of culture using millions of digitized books. *Science*, 331, 176-182.
- Micheva, K. D., Weinberg, R. J., and Smith, S. J (2020), A synapse census for the ages, *Science*, 360, 253-254.
- Mukhametov L. M. (1984), Sleep in marine mammals, *Exp Brain Res*, 8, 227-38 (Cited by Rattenborg, N. C., Amlaner, C. J., & Lima, S. L. (2000). Behavioral, neurophysiological and evolutionary perspectives on unihemispheric sleep. *Neuroscience & Biobehavioral Reviews*, 24(8), 817-842. [https://doi.org/10.1016/S0149-7634\(00\)00039-7](https://doi.org/10.1016/S0149-7634(00)00039-7))
- Miller, G. (2016), Roots of the Urban Mind, *Science*, 352, 908-913.
- Miller, G. A. (1956), The magic number seven plus or minus two: Some limits on our capacity for processing information, *Psychological Review*, 63, 91-97

Miller, J. (2021), Deep Learning opens up protein science's next frontiers, *Physics Today*, 74 (10), 14-17.

Mulle, J.G., Sharp, W.G. & Cubells, J.F. (2013), *Curr. Psychiatry Rep.*, 15:, 337. <https://doi.org/10.1007/s11920-012-0337-0>

Myers, D. G. (1995) *Psychology 4th Edition*, New York:Worth Publishers Inc.

Nagel, T. (1974). "What Is It Like to Be a Bat?". *The Philosophical Review*. 83, 435–450. doi: 10.2307/2183914. JSTOR 2183914.

Nettle, D., Pepper, G.V., Jobling, R., and Schroeder, K. B., (2014), Being there: a brief visit to a neighbourhood induces the social attitudes of that neighbourhood. *PeerJ* 2:e236; DOI 10.7717/peerj.236

Ohala, J. J. (1992) What's cognitive, what's not, in sound change. In G. Kellerman and M. D. Morrisey (Eds), *Diachrony within Synchrony: Language history and cognition*, Frankfurt am Main, Peter Lang Verlag.

Okabe S. (2020) Imaging Synapse Formation and Remodeling In Vitro and In Vivo. In: Toyama Y., Miyawaki A., Nakamura M., Jinzaki M. (eds) *Make Life Visible*. Springer, Singapore. https://doi.org/10.1007/978-981-13-7908-6_19

Ono Masato, Igarashi Takeshi, Ohno Eishi & Sasaki Masami (1995), Unusual thermal defence by a honeybee against mass attack by hornets, *Nature*, 377, 334–336.

Oparin, A. I. (1927) The Origin of Life, (J. D. Bernal trans. 1967), <<https://www.valencia.edu/~orilife/textos/The%20Origin%20of%20Life.pdf>> retrieved 2018.10.27.

Patel, B. H., Percivalle, C., Ritson, D.J., Duffy, C.D., and Sutherland, J.D. (2015). Common origins of RNA, protein and lipid precursors in a cyanosulfidic protometabolism, *Nature Chemistry*, 7, 301, <https://doi.org/10.1038/nchem.2202>

Pearce, B.K.D., Pudritz, R.E., Semenov, D.A., and Henning, T.K. (2017), "Origin of the RNA world: The fate of nucleobases in warm little ponds." *Proceedings of the National Academy of Sciences* 114.43 (2017): 11327-11332.

Pettinato, G. (1991), *Ebla: A New Look at History*, (trans C.Faith Richardson). Baltimore, Md.: Johns Hopkins University Press, 1991. ISBN 0-8-18-4150-X

Peregrine, P. N. (2017), *Toward a Theory of Recurrent Social Formations*, Santa Fe Institute Working Paper 2017-08-026.

Pessoa, L. (1996), Mach Bands: How Many Models are Possible? Recent Experimental Findings and Modeling Attempts, *Vision Research*, 36, 3205-3227

Pfungst, O. (1911). *Clever Hans (The horse of Mr. von Osten): A contribution to experimental animal and human psychology*. (Trans. C. L. Rahn). New York: Henry Holt. (Originally published in German, 1907). (Available from Project Gutenberg: Retrieved 2017/03/27 at <http://www.gutenberg.org/ebooks/33936>)

Pigeau, R. P., Naitoh, P., Buguet, A., McCann, C., Baranski, J., Taylor, M., Thomson, M. & Mack, I. (1995), Modafinil, d-amphetamine and placebo during 64 hours of sustained mental work. I. Effects on mood, fatigue, cognitive performance and body temperature. *Journal of sleep research*, 4, 212-228.

Pinker, S. (2011), *The Better Angels of Our Nature: why violence has declined*, New York, Viking Penguin.

Plumbley, M. D. (1993a), Efficient information transfer and anti-Hebbian neural networks. *Neural Networks*, 6, 823-833.

Plooij (several references)

Plumbley, M. D. (1993b), A Hebbian/anti-Hebbian network which optimizes information capacity by orthonormalizing the principal subspace. In *Artificial Neural Networks, 1993., Third International Conference on* (pp. 86-90), IET.

Popa, L. S., Hewitt, A. L., and Ebner, T. J. (2014), The Cerebellum for Jocks and Nerds Alike, *Frontiers in Neuroscience*, 8, Article 113, 1-13.

Powers, W.T. (1973, 2nd Ed. 2005), *Behavior: The Control of Perception*, New Canaan, NJ., Benchmark Publications.

Powers, W. T. (1973b), Feedback: Beyond behaviorism, *Science*, 179, 351-356. Powers, W.T. (1989), *Living Control Systems: Selected Papers of William. T. Powers*, Gravel Switch KY, The Control Systems Group.

Powers, W.T. (1992), *Living Control Systems II: Selected Papers of William. T. Powers*, Gravel Switch KY, The Control Systems Group.

Powers, W. T. (1994), An "Artificial Cerebellum" Adaptive Stabilization of a Control System, (in *Perceptual Control Theory: Proceedings of the 1st European Workshop on Perceptual Control Theory Gregynog, The University of Wales 23rd - 27th June 1994*, M. A. Rodrigues and M H. Lee, Eds), Aberystwyth, U. of Wales.

Powers, W. T (1995), The origins of purpose: the first metasystem transitions, in *World Futures vol. 45* (special issue on *The Quantum of Evolution*, Heylighen F., Joslyn C. & Turchin V. (eds.)), p. 125-138. Available at <http://www.livingcontrolsystems.com/intro_papers/evolution_purpose.pdf> retrieved 21.10.29.

Powers, W.T (1999), A model of kinesthetically and visually controlled arm movement, *Int. J. Human-Computer Studies* (1999) 50, 463-479.

Powers, W. T. (2008), *Living Control Systems III: The Fact of Control*, Bloomfield NJ., Benchmark Publications.

Powers, W. T. (2010), *Insight into PCT models*, Posting to CSGnet mailing list 2010/12/23, ID=[From Bill Powers (2010.12.23.2300 MDT)].

Powers, W. T., McFarland, R. L., and Clark, R. K., (1957), A General Feedback Theory of Human Behavior: A Prospectus, *American Psychologist*, 12, 462.

Pulfrich, C. (1922). Die Stereoskopie im Dienste der isochromen und heterochromen Photometrie. *Naturwissenschaften*, 10(35), 751-761. (Cited by Standing, Dodwell and Lang, 1968)

Quote Investigator (2014), <http://quoteinvestigator.com/2014/06/14/exclamation/> (Retrieved 2015.08.17)

Rattenborg, N. C., Amlaner, C. J., & Lima, S. L. (2000). Behavioral, neurophysiological and evolutionary perspectives on unihemispheric sleep. *Neuroscience & Biobehavioral Reviews*, 24, 817–842. [https://doi.org/10.1016/S0149-7634\(00\)00039-7](https://doi.org/10.1016/S0149-7634(00)00039-7)

Rich, P. D., Liaw, H.-P., and Lee, A.K. (2014), Large Environments reveal the statistical structure governing hippocampal representations, *Science*, 345, 814-817.

- Richardson, L. F. (1922), *Weather Prediction by Numerical Process*, Cambridge University Press.
- Roberts, P. D., & Bell, C. C. (2002), Spike timing dependent synaptic plasticity in biological systems. *Biological Cybernetics*, 87, 392-403.
- Roberts, P. D., & Leen, T. K. (2010), Anti-hebbian spike-timing-dependent plasticity and adaptive sensory processing. *Frontiers in computational neuroscience*, 4.
- Robertson, R. J., Goldstein, D. M., Mermel, M., & Musgrave, M. (1999), Testing the self as a control system: Theoretical and methodological issues. *International journal of human-computer studies*, 50, 571-580.
- Runkel, P. (2003), *People as Living Things: The Psychology of Perceptual Control*, Hayward, CA, USA: Living Control Systems Publishing.
- Saigusa, T., Tero, A., Nakagaki, T., and Kuramoto, Y. (2008), Amoebae Anticipate Periodic Events, *Phys. Rev. Lett.* 100, 018101: <https://doi.org/10.1103/PhysRevLett.100.018101>
- Sapir, E. (1929), A study in phonetic symbolism. *Journal of experimental Psychology*, 12(3), 225.
- Saussure, F. de., (1986). Course in general linguistics (3rd ed.). (R. Harris, Trans.). Chicago: Open Court Publishing Company. (Original work published 1972).
- Scarr, G. (2014), *Biotensegrity: The Structural Basis of Life*, Pencaitland, UK, Handspring Publishing.
- Schleper, C. & Sousa, F. L. (2020), Meet the relatives of our cellular ancestor, *Science*, 577, 478-479
- Schouten, J.F, and Bekker, J.A.M., Reaction Time and Accuracy, *Attention and Performance*, (*Acta Psychologica*, vol 27), 143-153.
- Schroeder, K. B., Pepper, G. V., & Nettle, D., (2014), Local norms of cheating and the cultural evolution of crime and punishment: a study of two urban neighborhoods. *PeerJ* 2:e450; DOI 10.7717/peerj.450
- Selfridge, O. G. (1959), Pandemonium: A paradigm for learning. In D. V. Blake and A. M. Uttley, eds, *Proceedings of the Symposium on Mechanisation of Thought Processes*, 511–529, London
- Seth A. K., & Friston K. J. (2016), Active interoceptive inference and the emotional brain. *Phil. Trans. R. Soc. B* 371: 20160007. <http://dx.doi.org/10.1098/rstb.2016.0007>
- Shannon, C. E. (1949), in Shannon, C. E., and W. Weaver, *The Mathematical Theory of Communication*, University of Illinois Press.
- Sharon, G. et al., 2016, The Central Nervous System and the Gut Microbiome, *Cell*, 167, 915-932
- Shoemark, D. K & Allen S. J., (2015), The Microbiome and Disease: Reviewing the Links between the Oral Microbiome, Aging, and Alzheimer's Disease, *Journal of Alzheimer's Disease*, 43, 725-738
- Sharifian, F. (2008). Distributed, emergent cultural cognition, conceptualisation, and language. In R. M. Frank, R. Dirven, T. Ziemke, & E. Bernandez (eds.) *Body, language, and mind* (Vol. 2): Sociocultural situatedness. Berlin/New York: Mouton de Gruyter (109-136).
- Standing, L. G., Dodwell, P. C., & Lang, D. (1968). Dark adaptation and the Pulfrich effect. *Perception & Psychophysics*, 4 118-120.
- Starr, G. (2014), *Biotensegrity, the structure of life*, Pencaitland, Scotland: Handspring Publishers.
- Stevens, S. S. (1966). Matching functions between loudness and ten other continua. *Perception & Psychophysics*, 1(1), 5-8.

- Stroop, J. R. (1935), Studies of interference in serial verbal reactions, *Journal of Experimental Psychology* 18, 643–662.
- Sun Tzu (ca. 600 B.C.E.; Tr. Giles, L., 1910) *The Art of War*.
- Swift, J. (1726), *Travels into Several Remote Nations of the World. In Four Parts. By Lemuel Gulliver, First a Surgeon, and then a Captain of Several Ships*, London: Benjamin Motte.
- Taylor, I. K. (1963), Phonetic Symbolism Re-examined, *Psychol. Bull.*, 1963, 60, 200-209.
- Taylor, I.K. and Taylor, M.M. (1962), Phonetic symbolism in four unrelated languages. *Canad. J. Psychol.*, 16, 344-356
- Taylor, I. K. and Taylor M. M. (1983), *The Psychology of Reading*, New York, Academic Press.
- Taylor, I. and Taylor, M. M. (2014), *Scripts and Literacy in Chinese, Korean, and Japanese*, (Revised 2nd Ed.), Amsterdam, John Benjamins
- Taylor, J. G. (1962), *The Behavioral Basis of Perception*, New Haven: Yale University Press.
- Taylor, J. G. (1963), A behavioural interpretation of obsessive-compulsive neurosis, *Behaviour Research and Therapy*, 1, 237-244.
- Taylor, J.G. (1966), Perception Generated by Training Echolocation, *Canad. J Psychol.*, 20, 65-81.
- Taylor, M. M. (1962a), Figural After-Effects: a Psychophysical Theory of the Displacement Effect, *Canad. J. Psychol.*, 16, 247-277.
- Taylor, M. M. (1962b), Geometry of a Visual Illusion, *J. Opt. Soc. Amer.*, 52, 565-569.
- Taylor, M.M. (1963). Tracking the decay of the after-effect of seen rotary movement, *Percep. Motor Skills*, 16, 119-129.
- Taylor, M. M. (1965), Non-additivity of Perceived Distance with the Mueller-Lyer Figure, *Percept. and Motor Skills*, 20, 1064.
- Taylor, M. M. (1973a), The Problem of Stimulus Structure in the Behavioural Theory of Perception, *South African J. Psychol.*, 3, 23-45 (available at http://www.mmtaylor.net/Academic/SouthAfricanJ_OCR_edit.doc, retrieved Oct 6, 2014)
- Taylor, M. M. (1973b), Principal components display of ERTS imagery. *Proceedings of the Third ERTS Symposium*, Washington, 1973, 1877-1898
- Taylor, M. M. (1988a), Layered Protocols for computer-human dialogue. I: Principles, *Int. J. Man-Machine Studies*, 28, 175-219.
- Taylor, M. M. (1988b), Layered Protocols for computer-human dialogue. II: some practical issues, *Int. J. Man-Machine Studies*, 28, 219-257.
- Taylor, M. M. (1989), Response Timing in Layered Protocols: A Cybernetic View of Natural Dialogue, Chapter 19 in *The Structure of Multimodal Dialogue*, (M. M. Taylor, F. Neel, and D. G. Bouwhuis, Eds), Amsterdam: Elsevier Science Publishers.
- Taylor, M. M. (1993a), Perceptual Control and Human Data Fusion, *Presentation to Joint Directors of Laboratories Data Fusion Seminar June 14 1993*, available at http://www.mmtaylor.net/PCT/DFS93/DFS93_1.html (Retrieved Sept. 24, 2014),

Taylor, M. M. (1993b), Principles for intelligent human-computer interaction: a tutorial on layered protocol theory., *DCIEM Report 93-32*, Dept. Nat. Defence Canada. (The presentation material is available at <http://www.mmtaylor.net/PCT/ParisTutorial.pdf>)

Taylor, M. M. (1995), Fitting data to models, *Presentation to CSG 2005*, available for download at <<http://www.mmtaylor.net/PCT/CSG2005/CSG2005bFittingData.ppt>> (Retrieved 2017.01.03),

Taylor, M. M. (1996), Effects of Modafinil and amphetamine on tracking performance during sleep deprivation, *Proceedings of the 37th Annual Conference of the Military Testing Association*, Canadian Forces Personnel Applied Research Unit, Toronto.

Taylor, M. M. and Aldridge, K. D. (1974), Stochastic Processes in Reversing Figure Perception, *Perception & Psychophysics*, 16, 9-27.

Taylor, M. M. and Henning, G. B. (1963), Transformations of Perception with Prolonged Observation, *Canadian J. Psychology*, 17, 349-360.

Taylor, M.M., Lindsay, P.H., and Forbes, S.M. (1967), Quantification of shared capacity processing in auditory and visual discrimination, *Attention and Performance*, (*Acta Psychologica*, vol 27), 223-229

Taylor, M. M. and Taylor, I.K. (1965), Another look at phonetic symbolism. *Psychol. Bull.*, 64, 413-427

Taylor, M. M., Lederman, S.J., and Gibson, R.H. (1973), Tactual Perception of Texture, In Carterette, E.C. and Friedman, M.P. (Eds.), *Handbook of Perception III: Biology of Perceptual Systems*, Academic Press, 251-272.

Taylor. M. M. & Aldridge, K. D., (1974), Stochastic processes in reversing figure perception. *Perception and Psychophysics*, 1974, 16, 9-27

Taylor, M. M., S.M.Forbes, and C.D.Creelman, (1983), PEST reduces bias in forced choice psychophysics. *J. Acous. Soc. Amer.*, 74, 1367-1374

Taylor, M. M., Farrell, P.S.E., and Hollands, J.G. (1999b), Perceptual Control and Layered Protocols in interface design: II. The general protocol grammar, *Int. J. Human-Computer Studies*, 50, 521-555.

Taylor, M. M. and Waugh, D. A., (1992), Principles for integrating voice I/O in a complex interface. In AGARD Conference Proceedings 521, Madrid, (1992), *Advanced Aircraft Interfaces: The machine side of the man-machine interface*.

Taylor, M. M. and Waugh, D. (2000), Dialogue analysis using Layered Protocols, In Bunt, H. and Black, W., *Abduction, Belief and Context in Dialogue*, Amsterdam: John Benjamin.

Tigaret, C. M., Olivio, V., Sadowski, J.H.L.P., Ashby, M.C., & Mellor, J.R., Coordinated activation of distinct Ca²⁺ sources and metabotropic glutamate receptors encodes Hebbian synaptic plasticity, *Nature Communications* 7, 10289, doi:10.1038/ncomms10289

Tuchman, B. W. (1984), *The March of Folly: from Troy to Vietnam*, New York and Toronto, Random House.

Turchin, P., Brennan, R., Currie, T. E., Feeney, K. C., Francois, P., Hoyer, D., ... & Peregrine, P. (2015). Seshat: the global history databank. *Cliodynamics: The Journal of Quantitative History and Cultural Evolution*, 6, 77-107. <https://escholarship.org/uc/item/9qx38718>

Turchin, P and 50 others (2018a), An Introduction to Seshat: Global History Databank, *J. Cognitive Historiography*, 5, No 1-2, DOI: 10.1558/jch.39395

Turchin, P., Currie, T. E., Whitehouse, H., François, P., Feeney, K., Mullins, D., ... & Mendel-Gleason, G. (2018b). Quantitative historical analysis uncovers a single dimension of complexity that structures global variation in human social organization. *Proceedings of the National Academy of Sciences*, 115(2), E144-E151.

Turnbull, C. M. (1961), Some observations regarding the experiences and behaviour of the BaMbuti pygmies, *Amer. J. Psychol.*, 74, 304-308.

Tzounopoulos, T., & Kraus, N. (2009), Learning to encode timing: mechanisms of plasticity in the auditory brainstem. *Neuron*, 62, 463-469.

Tzounopoulos, T., Rubio, M. E., Keen, J. E., & Trussell, L. C. (2007), Coactivation of pre-and postsynaptic signaling mechanisms determines cell-specific spike-timing-dependent plasticity. *Neuron*, 54, 291-301.

van der Rijt, H., and Plooij, F. (1992), *The Wonder Weeks*, Ede and Antwerp: Zomer & Koenig Boeken (English translation: Sonderegger, S., and Kidder, G., (2012), Kiddy World Promotions).

van Schaik, C.P., Damerius, L., and Isler, K. (2013) Wild Orangutan Males Plan and Communicate Their Travel Direction One Day in Advance. *PLoS ONE* 8(9): e74896. doi:10.1371/journal.pone.0074896

Velasco, C., Woods, A. T., Deroy,O. and Spence, C. (2015), Hedonic mediation of the crossmodal correspondence between taste and shape, *Food Quality and Preference*, 21, 151-18, <https://doi.org/10.1016/j.foodqual.2014.11.010>

Velasco, C., Woods, A. T, Pe, O., Cheok, A. D., and Spence, C., (2016), Crossmodal correspondences between taste and shape, and their implications for product packaging: A review, *Food Quality and Preference*, 52, 17-26. <https://doi.org/10.1016/j.foodqual.2016.03.005>

Vibrans, F. C. (1931), Anti-oxidants in edible oil preservation, *J. Amer. Oil Chem. Soc.*, 1931, 233ff., <https://doi.org/10.1007/BF02574658>. (Presented at Fall Meeting American Oil Chemists' Society, Chicago, November 14, 1930).

Volta, Alessandro (1800). "On the Electricity Excited by the Mere Contact of Conducting Substances of Different Kinds". *Philosophical Transactions of the Royal Society of London* (in French). 90: 403–431. doi:10.1098/rstl.1800.0018. [Reference copied from Wikipedia 2018.10.30]

von Karman, Th., (1931), Mechanical Similitude and Turbulence, *National Advisory Committee for Aeronautics, Tech. Mem. 611.* <https://ntrs.nasa.gov/api/citations/19930094805/downloads/19930094805.pdf>. (translated from Karman, Th., 1930, Mechanische Ähnlichkeit und Turblenz, *Nachrichten von der Gesellschaft der Wissenschaften zu Göttingen, Fachgruppe I (Mathematik)*. No. 5, pp. 58-76. Translation facsimile also available from Google Books)

von Neumann, J. and Morgenstern, C. (1947), *Theory of games and economic behavior*, Princeton, NJ, US: Princeton University Press. (1947)

Vuong, H. E. & Hsiao, E. Y. (2017), Emerging Roles for the Gut Microbiome in Autism Spectrum Disorder, *Biological Psychiatry*, 81, 411–423

Watanabe, S. (1969) Knowing and Guessing: a quantitative study of inference and information. New York: Wiley

Watkins, C. (2000), *The American Heritage Dictionary of Indo-European Roots* (2nd Ed.), Boston and New York, Houghton Mifflin Harcourt.

Wagemans, J., Elder, J.H., Kubovy, M., Palmer, S.E., Peterson, M.A., Singh, M., and von der Heydt, R., (2012a), A Century of Gestalt Psychology in Visual Perception I. Perceptual Grouping and Figure-Ground Organization, *Psychol Bull.*, 138, 1172–1217. doi: <http://dx.doi.org/10.1037/a0029333>

Wagemans, J., Feldman, J., Gepshtein, S., Kimchi, R., Pomerantz, J.R., van der Helm, P.A., and van Leeuwen, C., (2012b), A Century of Gestalt Psychology in Visual Perception II. Conceptual and Theoretical Foundations, *Psychol Bull.*, 138, 1172–1217. doi: <http://dx.doi.org/10.1037/a0029333>

Watanabe, S. (1969) Knowing and Guessing: a quantitative study of inference and information. New York: Wiley.

Watson, S.K., Townsend, S.W., Schel, A.M., (and 5 others), (2015) Vocal Learning in the Functionally Referential Food Grunts of Chimpanzees, *Current Biology*, 25, 495–499, doi: <http://dx.doi.org/10.1016/j.cub.2015.12.032>

Weber, E.H. (1834, 1996) *De tactu. Annotationes anatomicae et physiologicae*. Leipzig: Koehler. Translated in Ross, H.E. and Murray, D.J. (Eds) *E.H. Weber on the tactile senses*. 2nd edition. Hove: Erlbaum (UK) Taylor & Francis, 1996.

Wiener, N., (1948), *Cybernetics: Or Control and Communication in the Animal and the Machine*. Paris, (Hermann & Cie) & Camb. Mass. (MIT Press) [ISBN 978-0-262-73009-9](#); 2nd revised ed. 1961.

Wiener, N., (1950), *The Human Use of Human Beings*. The Riverside Press (Houghton Mifflin Co.).

Williams, W. D. (1990). The Giffen effect: A note on economic purposes. *American Behavioral Scientist*, 34(1), 106-109.

Williams, W. D. (1989). The Giffen effect: A control theory resolution of an economic paradox. In *Advances in Psychology* (Vol. 62, pp. 531-547). North-Holland.

Wise, James A. (1988). "Control is Beautiful: Measuring Facility Performance as if People (and Buildings) Really Mattered", *ASTM Symposium on Overall Facility Performance: Use, Operation and Cost*, October 13-14, 1988, also in STP 1029--Performance of Buildings and Serviceability of Buildings, G. Davis & F. Ventre, eds., ASTM, Phil. PA 1988, pp121-143.

Whorf, B. L. (1944), The relation of habitual thought and behavior to language. *ETC: A Review of General Semantics*, 197-211. (retrieved from <http://www.colorado.edu/ling/courses/LAM5430/5430e_reserves/Whorf_Readings.pdf> 2017.06.03>

Whorf, B. L. (1950), An American Indian Model of the Universe, *Int. J. American Linguistics*, 16, 67-72. (available from stable URL <<http://www.jstor.org/stable/1262850?origin=JSTOR-pdf>>)

Xu Jiang et al. (2020), Brain Control of humoral immune responses amenable to behavioural modulation. *Nature*, 581, 204-208. <<https://doi.org/10.1038/s41586-020-2235-7>>

Yelen, D.R., (1980), A catastrophe model for the effects of a response set on a discrimination task. *Perception & Psychophysics* 1980, 28, 177-178.

Youn, H., Bettencourt, L. M. A., Strumsky, D., & Lobo, J. (2014), Invention as a Combinatorial Process: Evidence from US Patents, *Santa Fe Working Paper 2014-06-020*. (Retrieved from <http://www.santafe.edu> 2017.03.18)

Yuen, D. M. C. (2008), Deciphering Sun Tzu, Comparative Strategy, 27, 183-200, doi: 10.1080/01495930801944727

Zadeh, L. A. (1965), Fuzzy Sets, Information and Control, 8, 338-353. [doi:10.1016/S0019-9958\(65\)90241-X](#).

