

Bibliography

- A. Agarwal and J. Lang. *Foundations of Analog and Digital Electronic Circuits*. The Morgan Kaufmann Series in Computer Architecture and Design. Elsevier Science, 2005. ISBN 9780080506814. URL <https://books.google.com/books?id=lGgP7FDEv3AC>.
- R.C. Arkin, R.P.D.M.R.L.R.C. Arkin, M.I.T. Press, and R.C. Arkin. *Behavior-based Robotics*. Bradford book. MIT Press, 1998. ISBN 9780262011655. URL <https://books.google.com/books?id=mRWT6alZt9oC>.
- Richard C. Booton and Simon Ramo. The development of systems engineering. *IEEE Transactions on Aerospace and Electronic Systems*, AES-20: 306–9, July 1984.
- William L Brogan. *Modern Control Theory*. Prentice Hall, third edition, 1991.
- Rodney A. Brooks. *Cambrian Intelligence: The Early History of the New AI*. A Bradford book. BRADFORD BOOK, 1999. ISBN 9780262522632. URL <https://books.google.com/books?id=btvRZ5rj51EC>.
- Francesco Bullo and Andrew D. Lewis. *Geometric control of mechanical systems: modeling, analysis, and design for simple mechanical control systems*. Springer, 2005.
- E. Charniak. *Introduction to Deep Learning*. Mit Press. MIT Press, 2019. ISBN 9780262039512.
- Matthew F. Hale, Edgar Buchanan, Alan F. Winfield, Jon Timmis, Emma Hart, Agoston E. Eiben, Mike Angus, Frank Veenstra, Wei Li, Robert

Woolley, Matteo De Carlo, and Andy M. Tyrrell. The are robot fabricator: How to (re)produce robots that can evolve in the real world. *Artificial Life Conference Proceedings*, (31):95–102, 2019. doi: 10.1162/isal_a_00147. URL https://www.mitpressjournals.org/doi/abs/10.1162/isal_a_00147.

Guy Hoffman and Cynthia Breazeal. *Collaboration in Human-Robot Teams*. American Institute of Aeronautics and Astronautics, 2004. doi: 10.2514/6.2004-6434. URL <https://arc.aiaa.org/doi/abs/10.2514/6.2004-6434>.

P Horowitz and W Hill. *The Art of Electronics*. Cambridge University Press, 2015. ISBN 9780521809269. URL <https://books.google.com/books?id=LAIWPwAACAAJ>.

Anis Koubaa, editor. *Robot Operating System (ROS): The Complete Reference (Volume 1)*. Studies in Computational Intelligence 625. Springer International Publishing, 1 edition, 2016. ISBN 978-3-319-26052-5, 978-3-319-26054-9. URL <http://gen.lib.rus.ec/book/index.php?md5=f914a41247978eb9baf42bfce070cca4>.

Anis Koubaa, editor. *Robot Operating System (ROS): The Complete Reference (Volume 2)*. Studies in Computational Intelligence 707. Springer International Publishing, 1 edition, 2017. ISBN 978-3-319-54926-2, 978-3-319-54927-9. URL <http://gen.lib.rus.ec/book/index.php?md5=4e5042943712194093c578a7c8ea9679>.

Anis Koubaa, editor. *Robot Operating System (ROS): The Complete Reference (Volume 3)*, volume 3 of *Studies in Computational Intelligence 778*. Springer, 2018. ISBN 978-3-319-91590-6. URL <http://gen.lib.rus.ec/book/index.php?md5=b98448ecef80c88786fc9703dcb5ffd5>.

Anis Koubaa, editor. *Robot Operating System (ROS): The Complete Reference (Volume 4)*. Studies in Computational Intelligence 831. Springer International Publishing, 1st ed. edition, 2020. ISBN 978-3-030-20189-0, 978-3-030-20190-6. URL <http://gen.lib.rus.ec/book/index.php?md5=11871d8ea203df5ddea8fca33c407658>.

J. Laird. *The Soar Cognitive Architecture*. Mit Press. MIT Press, 2012. ISBN 9780262122962. URL <https://books.google.com/books?id=X4gtrFSlbosC>.

- Maja J. Matarić and François Michaud. *Behavior-Based Systems*, pages 891–909. Springer Berlin Heidelberg, Berlin, Heidelberg, 2008. ISBN 978-3-540-30301-5. doi: 10.1007/978-3-540-30301-5_39. URL https://doi.org/10.1007/978-3-540-30301-5_39.
- Anand S.; Singh Munindar P. Müller, Jörg P.; Rao. [*Lecture Notes in Computer Science*] *Intelligent Agents V: Agents Theories, Architectures, and Languages Volume 1555* || *The Belief-Desire-Intention Model of Agency*, volume 10.1007/3-540-49057-4. 1999. ISBN 978-3-540-65713-2,978-3-540-49057-9. doi: 10.1007/3-540-49057-4_1. URL http://gen.lib.rus.ec/scimag/index.php?s=10.1007/3-540-49057-4_1.
- Kevin P. Murphy. *Machine Learning: A Probabilistic Perspective*. Adaptive Computation and Machine Learning. The MIT Press, 1 edition, 2012. ISBN 0262018020,9780262018029.
- N.S. Nise. *Control Systems Engineering, 7th Edition*. Wiley, 2015. ISBN 9781118800829. URL <https://books.google.com/books?id=BwTYBgAAQBAJ>.
- R. Pfeifer and J. Bongard. *How the Body Shapes the Way We Think: A New View of Intelligence*. MIT Press, 2006. ISBN 9780262288521. URL <https://books.google.com/books?id=EHPMv9MfgWwC>.
- Morgan Quigley, Ken Conley, Brian P. Gerkey, Josh Faust, Tully Foote, Jeremy Leibs, Rob Wheeler, and Andrew Y. Ng. Ros: an open-source robot operating system. In *ICRA Workshop on Open Source Software*, 2009.
- Derek Rowell and David N. Wormley. *System Dynamics: An Introduction*. Prentice Hall, 1997.
- S.J. Russell and P. Norvig. *Artificial Intelligence: A Modern Approach*. Prentice Hall series in artificial intelligence. Prentice Hall, 2010. ISBN 9780136042594. URL <https://books.google.com/books?id=8jzBksh-bUMC>.
- Francisco Varela. The emergent self. Web, May 1996. URL https://www.edge.org/conversation/francisco_varela-chapter-12-the-emergent-self.
- John Von Neumann and Arthur W. Burks. Theory of self-reproducing automata, 1966. URL https://archive.org/details/theoryofselfrepr00vonn_0.

Slavoj Žižek. *How to Read Lacan*. W W Norton & Company Inc, 2006.

Ludwig Wittgenstein and G.E.M. Anscombe. *Philosophical Investigations*. Blackwell Publishing, 2001.

Stephen Wolfram. *A New Kind of Science*. Wolfram Media, 1 edition, 2002. ISBN 1-57955-008-8,9781579550080.

Stephen Wolfram. A new kind of science: A 15-year review. Web, May 2017. URL <https://writings.stephenwolfram.com/2017/05/a-new-kind-of-science-a-15-year-view/>.

Slavoj Žižek. *Less Than Nothing: Hegel and the Shadow of Dialectical Materialism*. Verso, 2012. ISBN 9781844678976.