

Ethics in Artificial Intel -

: Regular and timely attendance is required. Material will be covered in class that is not covered in the readings.

All students must make an oral presentation and submit a ten-page paper rigorously addressing an ethical question associated with AI based technology. When choosing a dilemma to address, it should have two reasonable sides and some level of tension; or result in different conclusions depending on moral approaches applied. You may suggest a resolution or simply present arguments in favor of multiple solutions. In either case, all arguments must be well supported. The paper should include a brief literature review and may include practical recommendations. It should incorporate both secular and Torah sources. You also must make an oral presentation to the class. This will be comprised of two parts: (1) A six-minute video presentation (it may be NO MORE than six minutes) and should focus on the key points of your findings, and (2) your ability to answer questions from your classmates and professors.

- Oct 25th - Proposal. Submit a proposal for a topic. You may do this prior to this date insofar as we are going to try to avoid overlap with class and other presentations on a first come first served basis.
- Nov 8th: Presentation of initial findings. You must schedule a meeting to discuss direction and initial findings with one of the instructors.
- Dec 1st: You have an option of submitting a rough draft and getting feedback from one of the instructors in advance of their presentation (recommended but not mandatory).
- December 20 and 22: Presentations.
- Dec 28th: Paper due. Your paper should address issues raised by fellow students and faculty

California Law Review 107 (6): 1753.

https://scholarship.law.bu.edu/faculty_scholarship/640.

-Cartesian

Moral Herme *Philosophy & Technology* 27 (1): 61-77. <https://doi.org/10.1007/s13347-013-0133-8>.

Corbett-

Will AI Exceed H

Journal of Artificial

Intelligence Research 62 (July): 729–54. <https://doi.org/10.1613/jair.1.11222>.

Machine Ethics, edited by Michael Anderson

and Susan Leigh Anderson. NY: Cambridge University Press.

Gunkel, David J. 2018. *Robot Rights*. Cambridge, Mass: MIT Press.

Ha-Levi, Aaron. (1523) 1978. *Sefer HaHinnuch: The Book of [Mizvah] Education*. Translated by Charles Wengrov. New York: Feldheim.

Hales, Colin G. 2014. *The Revolutions of Scientific Structure*. Singapore World Scientific Pub. Co.

and Theology: Are We Special? Human Uniqueness in Science and Theology, edited by Michael Fuller, Dirk Evers, Anne Runehov, and Knut-Willy Sæther, 191–207. Springer International Publishing. https://doi.org/10.1007/978-3-319-62124-1_14.

Johnson, Deborah G, and Keith Miller. 2008a. *Computer Ethics : Analyzing Information Technology*. Upper Saddle River, N.J.: Prentice Hall.

- *Ethics and Information Technology* 10 (2-3): 123–33. <https://doi.org/10.1007/s10676-008-9174-6>.

Synthese

198 (June): 9941–61. <https://doi.org/10.1007/s11229-020-02696-y>.

Jonas, Hans. 2000. *The Imperative of Responsibility : In Search of an Ethics for the Technological Age*. Chicago (Ill.): The University Of Chicago Press.

- *Philosophies* 2 (4): 10. <https://doi.org/10.3390/philosophies2020010>.

2018. <http://blogs.scientificamerican.com/observations/sentient-robots-conscious-spoons-and-other-cheerful-follies>.

Essays in

Persuasion. New York: Classic House Books.

<http://www.econ.yale.edu/smith/econ116a/keynes1.pdf>.

Klapper, Aryeh, Benjamin Ish-Shalom, and Michael J. Broyde. 2006. *CONVERSATION: Halakhah and Morality in Modern Warfare*. 6th ed. Vol. 1. Meorot.

<http://www.edah.org/backend/journalarticle/conversation%20-%20final.pdf>.

Intelligence and Human Cognition *Moses Maimonides and His Time*, edited by Eric L Ormsby, 121–37. Washington, D.C.: Catholic University of America Press.

Jackson School of Internatio

<https://rintintin.colorado.edu/~vancecd/phil3160/Nozick1.pdf>.

Nyholm, Sven. 2020. *Humans and Robots : Ethics, Agency, and Anthropomorphism*. NY: Rowman & Littlefield Publishing Group.

Orend, Brian. 2006. *The Morality of War*. Peterborough, Ont.: Broadview Press.

Penrose, Roger. 1991. *The Emperor's New Mind : Concerning Computers, Minds and the Laws of Physics*. NY: Penguin.

In *Robot Sex: Social Implications and Ethical*, edited by John Danaher and Neil McArthur, 155-71. Cambridge, USA: MIT Press.

Pimple, Kenneth, ed. 2013.

<https://doi.org/10.1057/9781137349088>.

The New York Times, June 10, 2019, sec. Opinion. <https://www.nytimes.com/2019/06/10/opinion/future-artificial-intelligence-transhumanism.html>.

Scholem, Gershom Gerhard. 1969. *On the Kabbalah and Its Symbolism*. New York: Schocken Books.

Searle, John *Behavioral and Brain Sciences* 3 (03): 417–57.

<https://doi.org/10.1017/s0140525x00005756>.

The Harvard Review of Philosophy 25: 51–70.

<https://doi.org/10.5840/harvardreview20185913>.

Tradition 30

(2): 74–95.

War and Peace in the Jewish Tradition, edited by Lawrence H Schiffman and Joel B Wolowelsky. New York: Michael Scharf Publication Trust of the Yeshiva University Press.

. 2012. *Ethical Theories in the Orthodox Movement*. *Oxford Handbooks Online*. Oxford University Press. <https://doi.org/10.1093/oxfordhb/9780199736065.013.0015>.

Shmalo, Gamliel. 2012. *The Torah U-Madda Journal* 16.

<https://www.jstor.org/stable/23596054>.

Frontiers in Robotics and AI 5 (October). <https://doi.org/10.3389/frobt.2018.00121>.

Solon Barocas

Verbeek, Peter-

The Moral Status of Technical Artefacts, edited by Peter Kroes and Peter-Paul Verbeek, 75-88.
Springer. https://doi.org/10.1007/978-94-007-7914-3_5.

Interactions 22 (3): 26

31. <https://doi.org/10.1145/2751314>.

Wallach, Wendell, and Colin Allen. 2010. *Moral Machines : Teaching Robots Right from Wrong*. Oxford