

Innovative Thinking in a Digital Age: Additional Resources (added 2/26/19)

On algorithms: a portrait of Donald Knuth, the author of the multi-volume "Bible" of algorithms for programmers: <https://www.nytimes.com/2018/12/17/science/donald-knuth-computers-algorithms-programming.html>

AI robots that elicit human emotions, both created in Japan: Paro (a seal robot) used in therapy, particularly the care of dementia patients; Lovot (an owl-penguin robot) that is a stay-at-home pet. These can be found by using Google.

On the interaction between humans and computers and the disappearing boundary between them: Sherry Turkle (director, MIT Initiative on Technology and the Self): *The Second Self: Computers and the Human Spirit* (1984), *Life on the Screen* (1995), *Alone Together: Why We Expect More from Technology and Less from Each Other* (2011), *Reclaiming Conversation: The Power of Talk in a Digital Age* (2015).

Books on major companies and the new capitalism of information: Scott Galloway, *The four: The Hidden DNA of Amazon, Apple, Facebook, and Google* (2017), Shoshana Zuboff, *The Age of Surveillance Capitalism: The Fight for a Human Future at the New Frontier of Power* (2019, 525 pp.+notes!).

On censorship and the internet: <https://www.nytimes.com/2019/02/14/technology/india-internet-censorship.html>

For those who wish to receive notices from the Alexander Heard Library at Vanderbilt regarding events (lectures, workshops on digital technology, etc.), Osher students may send an email to celia.walker@vanderbilt.edu, with their email address and ask to be placed on the Friend of the Library mailing list. This is not a list that is used to solicit donations.