

16-848 Spring 2018: Reference List for March 19

We focused on this paper today, which I like because of the amount of detail in how the sensors in human skin are distributed and what they can measure (shown through the results of various experiments).

Johansson, R. S., and J. R. Flanagan. "6.05-Tactile sensory control of object manipulation in humans." *The Senses: A Comprehensive Reference, Academic Press, New York, NY* (2008): 67-86.

[http://psyc.queensu.ca/~flanagan/papers/JohFla BC_The Senses 07.pdf](http://psyc.queensu.ca/~flanagan/papers/JohFla_BC_The_Senses_07.pdf)

There are a few other references that I find interesting if you would like to follow up more in thinking about human hand anatomy. The following two books are excellent general resources about human hand anatomy and what is known about human hand function and control:

Brand, Paul W., and Anne Hollister. *Clinical mechanics of the hand*. Mosby Incorporated, 1999.

Jones, Lynette A., and Susan J. Lederman. *Human hand function*. Oxford University Press, 2006.

A review of theories and findings related to evolution of the human hand can be found here:

Marzke, Mary W., and Robert F. Marzke. "Evolution of the human hand: approaches to acquiring, analysing and interpreting the anatomical evidence." *Journal of anatomy* 197.01 (2000): 121-140.

<http://onlinelibrary.wiley.com/doi/10.1046/j.1469-7580.2000.19710121.x/pdf>