

16-848 Reference List for Jan 13

In general, these reference lists will include links to papers and other resources that were covered in class. Today, it just includes links to videos:

Barrett Hand:

<https://web.barrett.com/files/PerceptionPalm2Min.mp4>

Gifu Hand:

<https://www.youtube.com/watch?v=GCF4G1EbT2w>

Schunk 9DoF 5 fingered hand:

<https://www.youtube.com/watch?v=tSNMEQTMtNg&vl=en>

Shadow Hand:

https://www.youtube.com/watch?v=3WAp_DHwg1c

Robot Chef:

<https://www.youtube.com/watch?v=fE6i2O06Y6s>

iLimb Prosthetic Hand:

<https://www.youtube.com/watch?v=flacabyMGQk>

DEKA "Luke" arm and hand:

https://www.youtube.com/watch?v=R0_mLumx-6Y

Robonaut 2 hand:

https://www.youtube.com/watch?v=qqun_fw0DnA

InterACT humanlike hand:

https://www.youtube.com/watch?v=e8_Ib1c-0IM

Deshpande fingers with passive compliance:

<https://reueu.robotics.utexas.edu/projects/human-passive-parallel-compliance-ppc-roboticprosthetic-hands>

One of the Yale (Aaron Dollar) underactuated hands:

<https://www.youtube.com/watch?v=C340gbK3sZc>

Universal (coffee ground) gripper:

<https://www.youtube.com/watch?v=bFW7VQpY-Ik>

Xu and Todorov hand with laser cut tendons:

<http://www.seattleweekly.com/news/how-the-cheap-creepy-robotic-hand-from-uw-will-change-the-way-we-work/>

Brock soft hand (TU Berlin):

<https://www.youtube.com/watch?v=xVvVewxJbf8>

<https://www.youtube.com/watch?v=kfYUXVYmPZ0>