Lecture 6 – Comparisons are important

How do you do color vision?

Wavelength is not color

Spectrum

Bees

Sun

Etc

Univariance is a problem

Comparisons are useful

Trichromacy

Metameters

What is the difference between additive and subtractive color mixture?

Opponent processes. (L-M)/(L+M)

Discarding the illuminant: Brightness constancy & Color constancy

Comparisons are still useful

Remember those 14 orders of magnitude?

How do you do orientation?

If the trick works once….. (What is the Tilt Aftereffect?)

How do you do motion?

If the trick works *twice*…..(What is the Motion Aftereffect?)

How do you do color X orientation

Is this the same trick?…..(What is the McCollough effect?)

ASSUMING WE HAVE SOME TIME:

A comparison that doesn't work

Change blindness

What does it mean?