

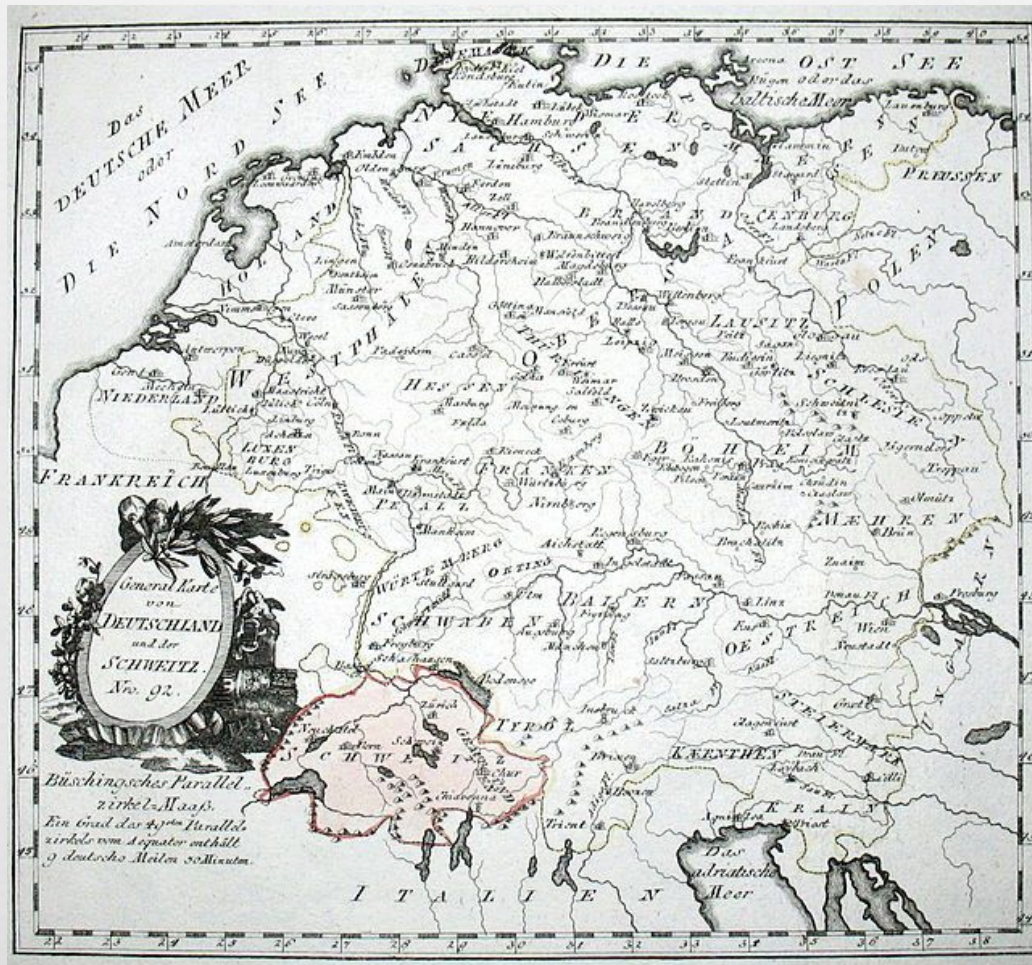
# Week 1

## Lecture 3



Psychology Before Freud

# The Context





# The Science of the Mind



Hermann von  
Helmholtz

1821 - 1894



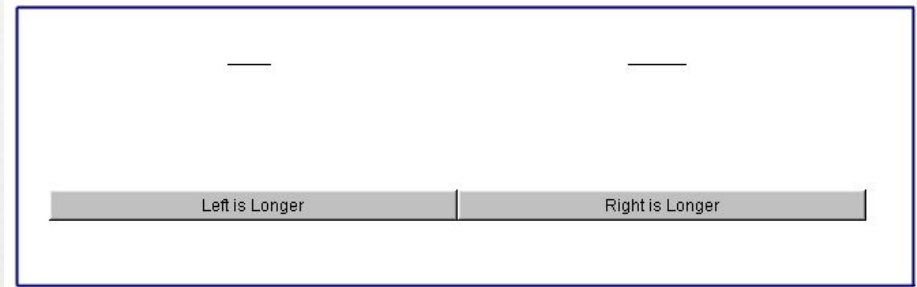
25 – 38 meters /  
sec

Click here for a [visual souvenir of Helmholtz](#)

# The Science of the Mind



Ernst  
Weber  
1795 - 1878

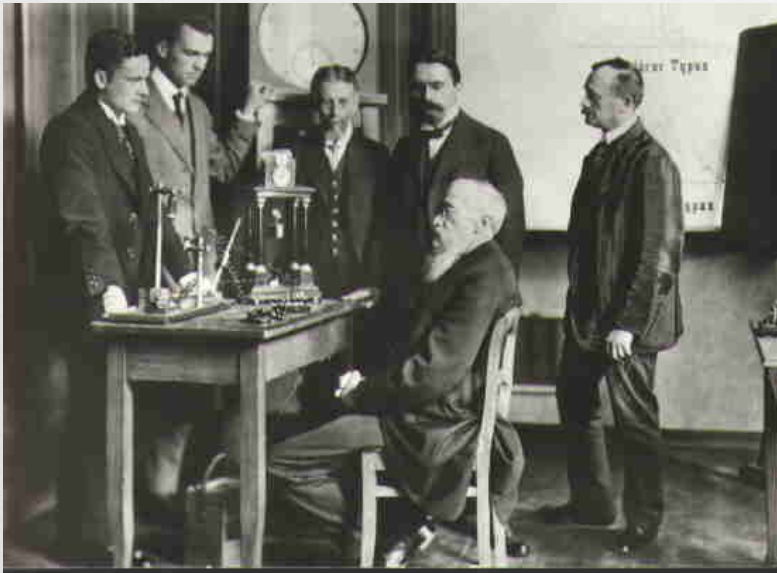


$$\frac{\Delta I}{I} = k$$

where  $\Delta I$  (delta I) represents the difference threshold, I represents the initial stimulus intensity and k signifies that the proportion on the left side of the equation remains constant despite variations in the I term

Psychophysi  
cs

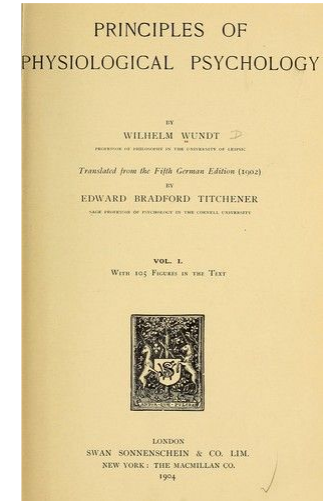
# Psychology is Born



Wilhelm  
Wundt

1832 - 1920

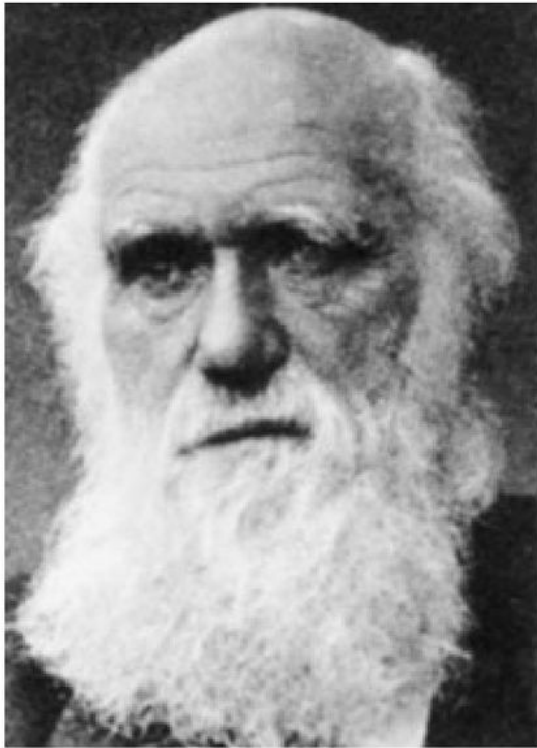
1874 -1879  
Happy  
Birthday!



Introspection &  
Structuralism



# The Darwin Effect



Charles  
Darwin

1809 - 1882



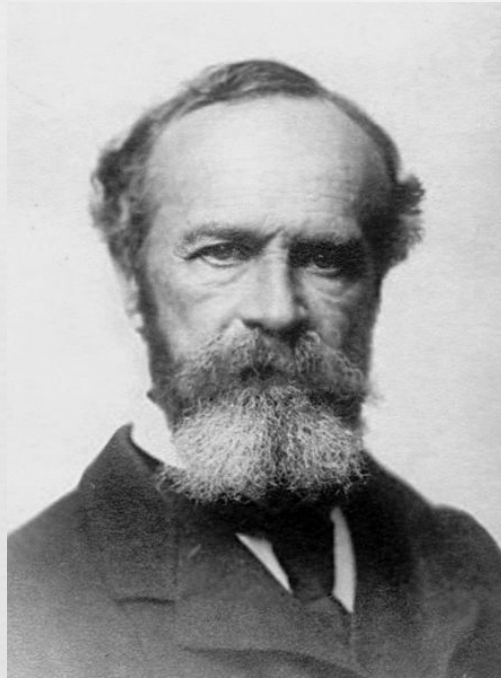
The question is not what, but why?

Why do things look or work as they do?

What is the function?

Functionalism

# William James



William  
James  
1842 - 1910



Principles of  
Psychology  
1890

# Follow-up



Videos

Readings

[3 Minute History of Psychology](#) [Principles of Psychology](#)

[Charles Darwin Biography](#)

\*Note: I do not agree with all claims made in these resources, I present them as items to provoke thought and, as such, will intentionally provide you with different perspectives