

Week 1

Lecture 3



Psychology Before Freud

The Science of the Mind



[Hermann von Helmholtz](#)

1821 - 1894



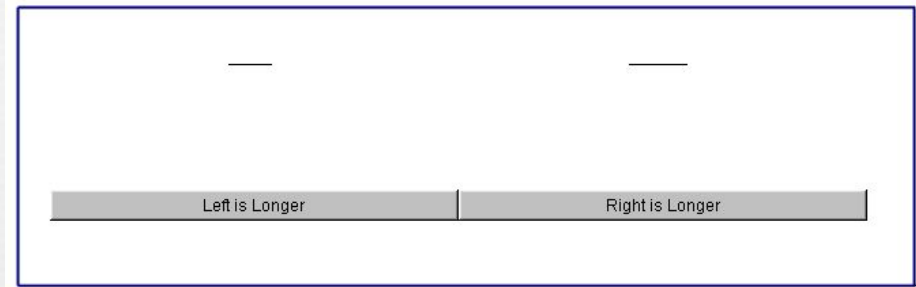
25 - 38 meters /
sec

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

The Science of the Mind



Ernst
Weber
1795 - 1878

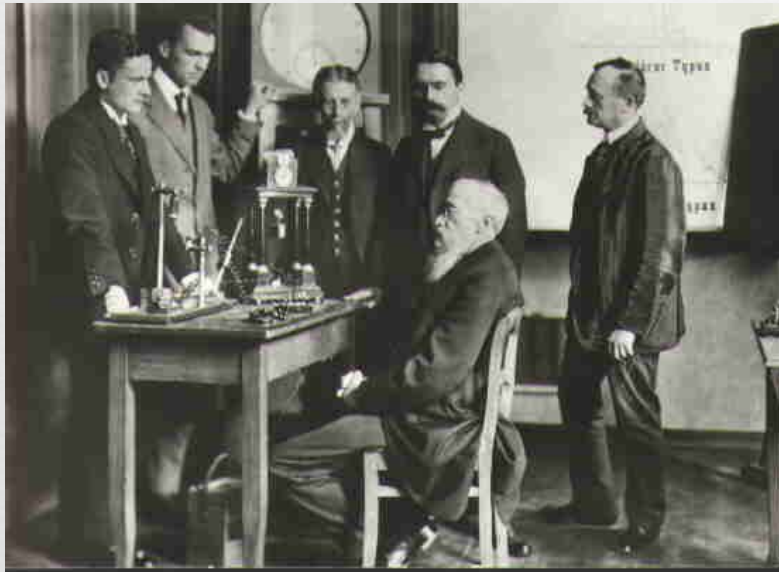


$$\frac{\Delta I}{I} = k$$

where ΔI (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

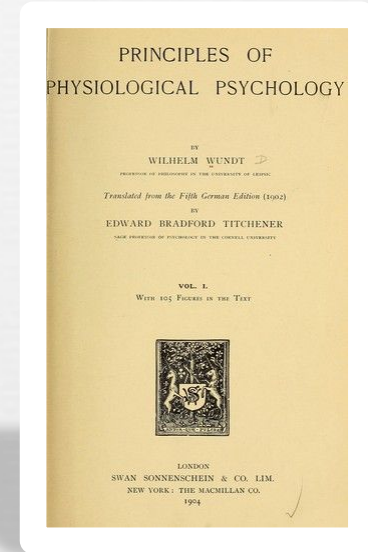
Psychology is Born



Wilhelm
Wundt

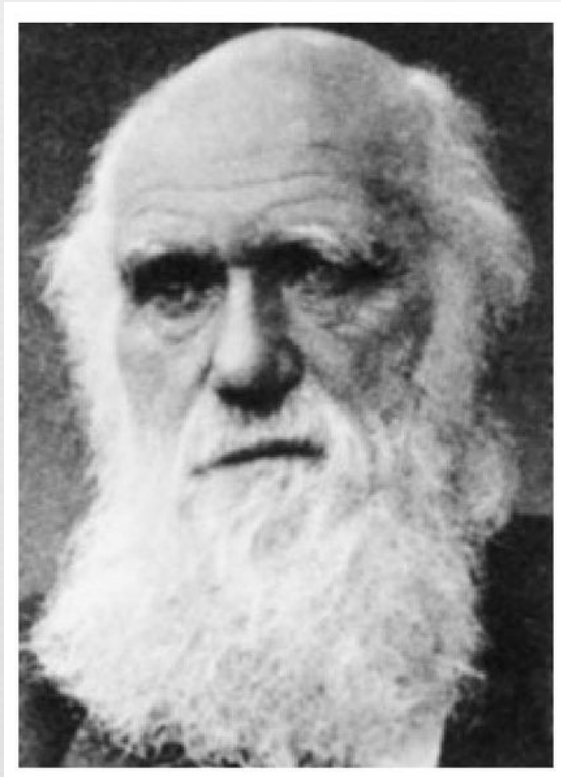
1832 - 1920

1874 -1879
Happy
Birthday!



Introspection &
Structuralism

The Darwin Effect



Charles
Darwin

1809 - 1882



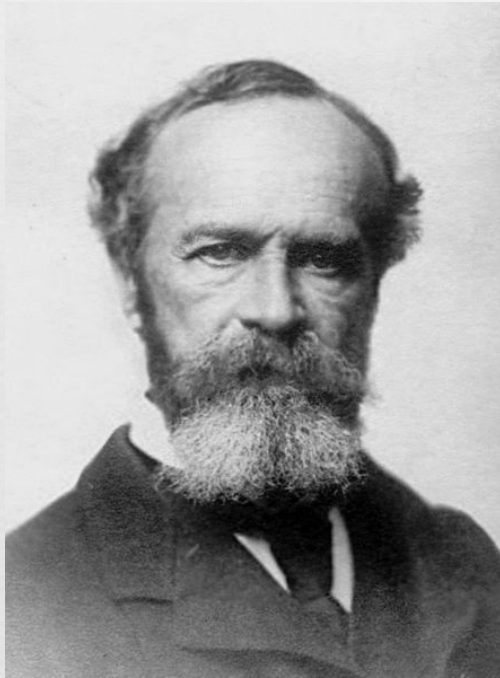
The question is not what, but why?

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