



Vision in Art and Neuroscience

TR 3-5

10-150

course website: vision.mit.edu

science



our approach: **occupy the gap!**

common question: nature of the
human relationship to world?



highly constructive

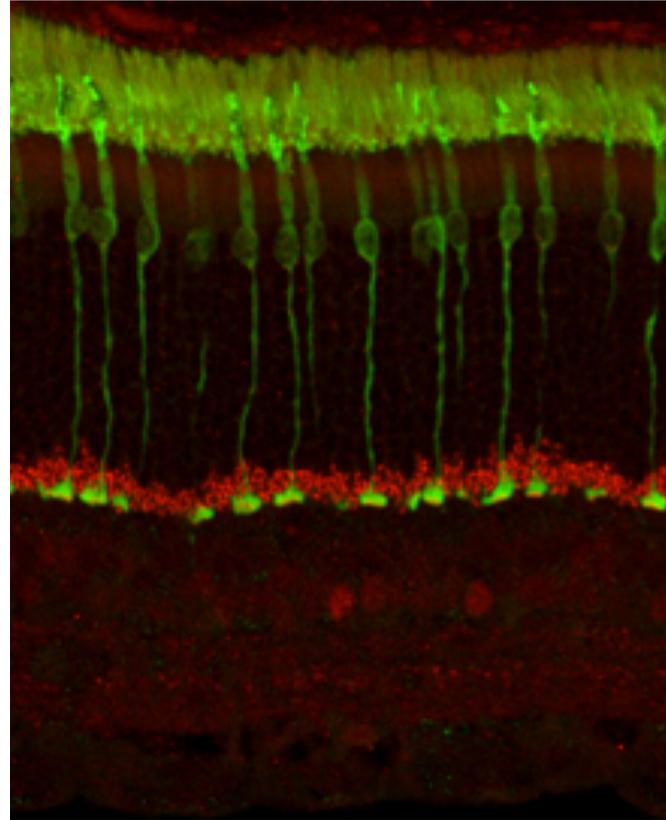
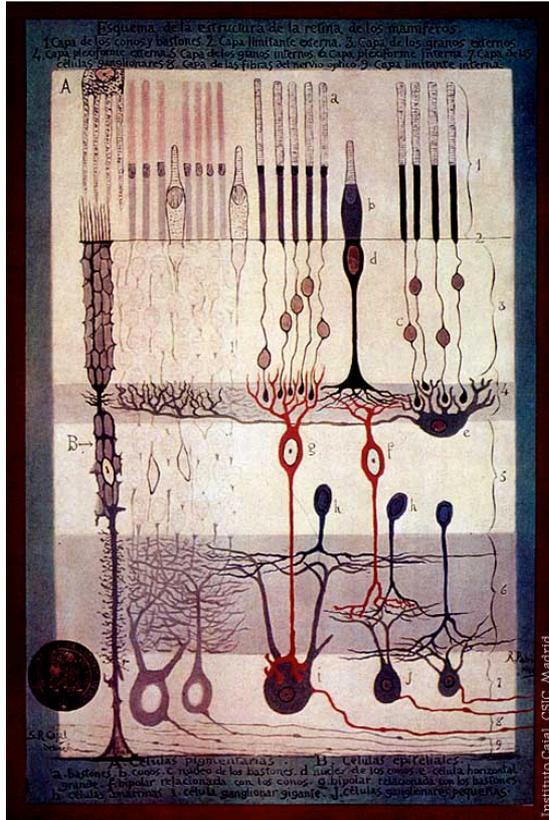
art

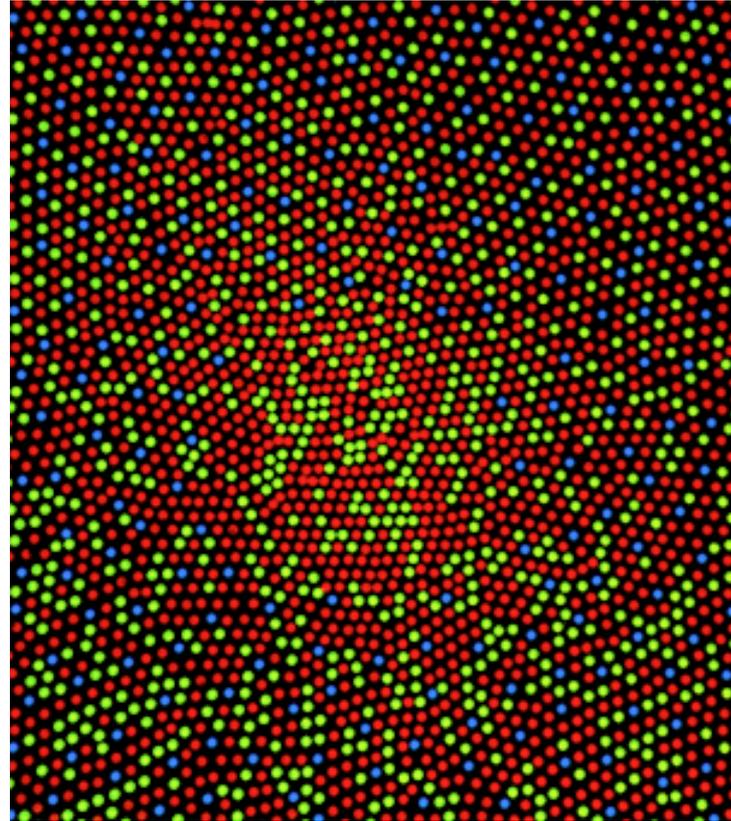
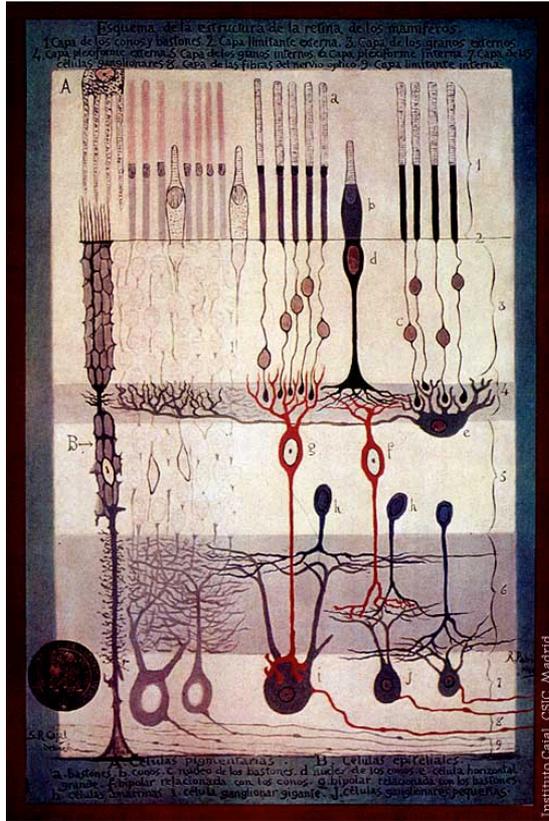


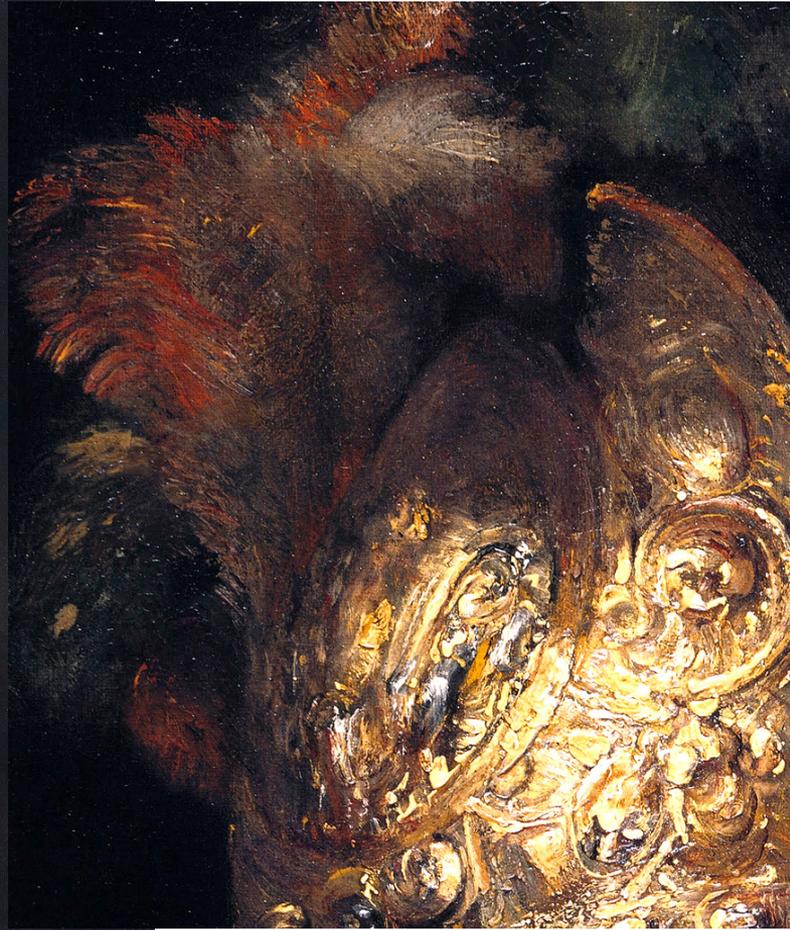
creation: of world of experience in fundamental visual perception, + explicit construction of external worlds in art

structure underlies this creation!

by articulating it, we can modulate, iterate, generate (potentially: any sensation! over and over again!)

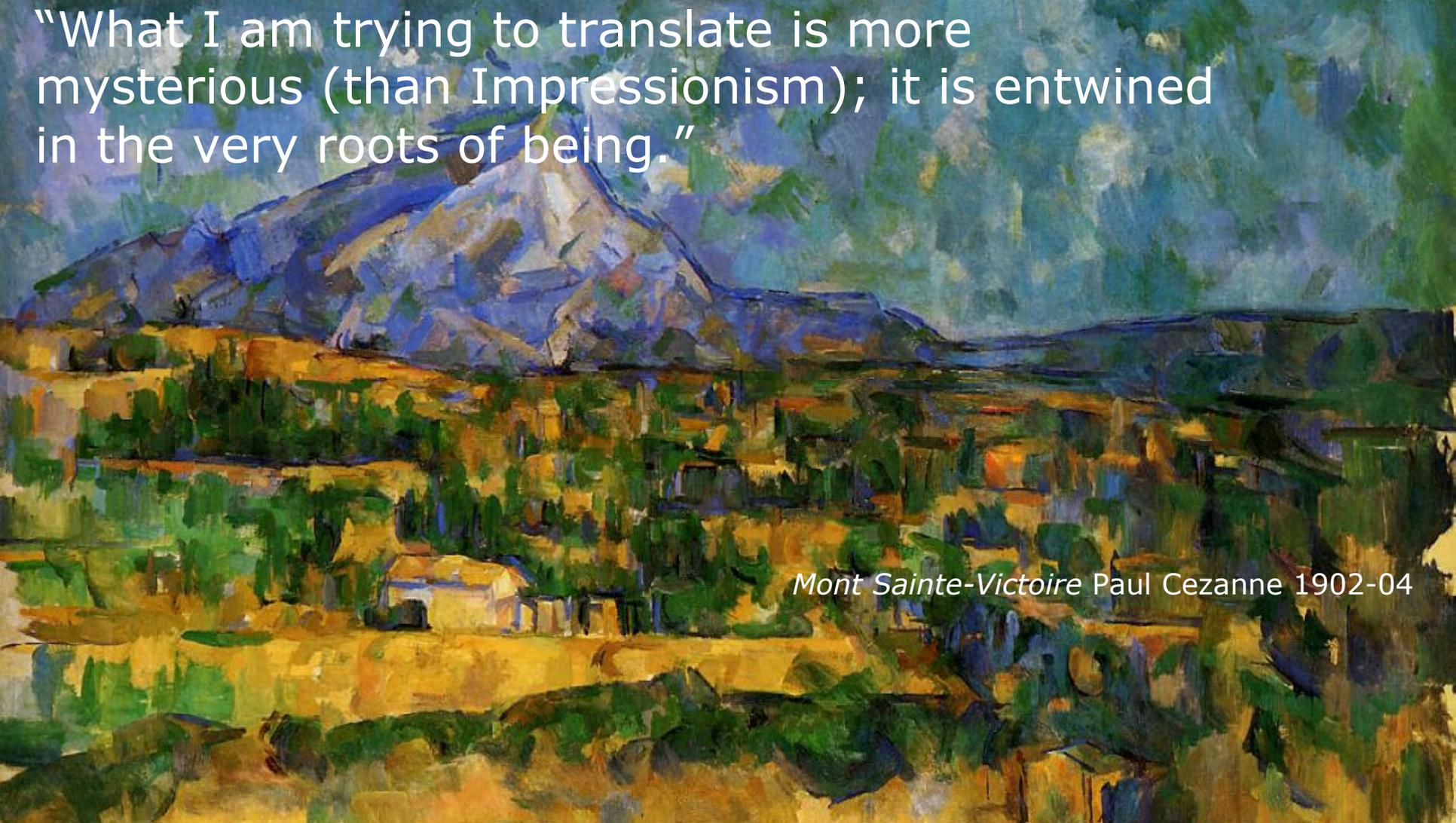




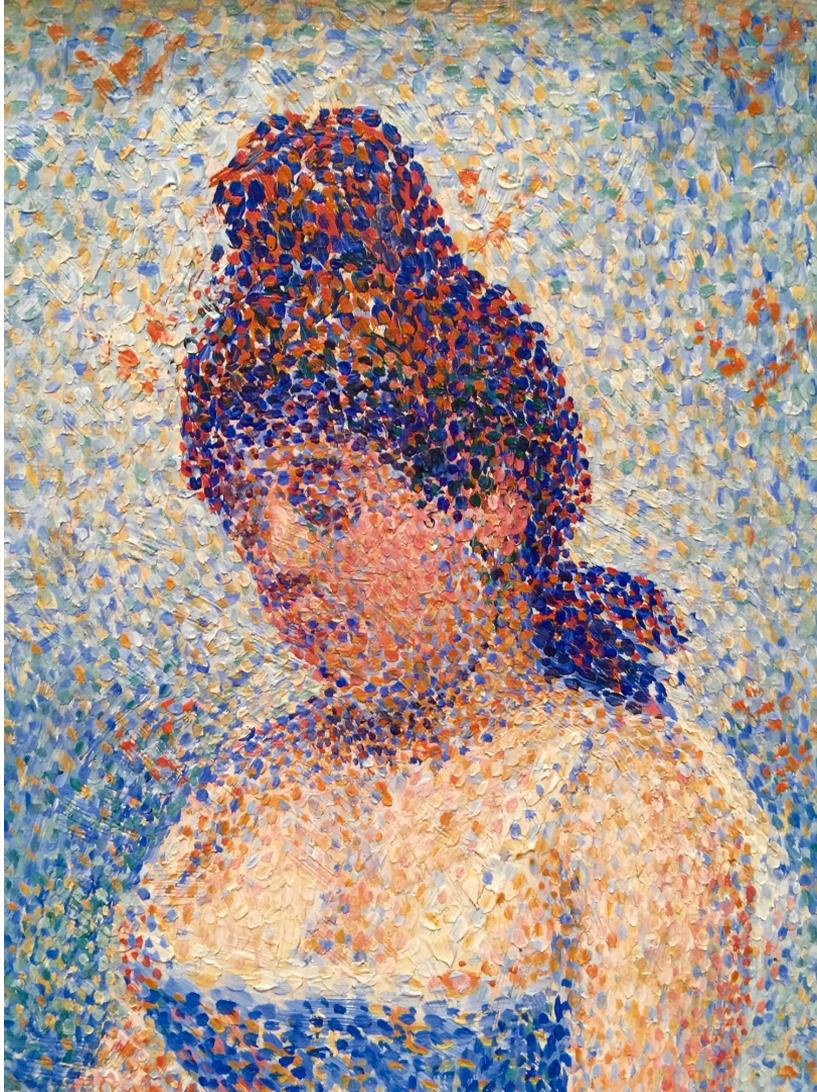


The Man With the Golden Helmet,
studio of Rembrandt Van Rijn ca.1650

“What I am trying to translate is more mysterious (than Impressionism); it is entwined in the very roots of being.”

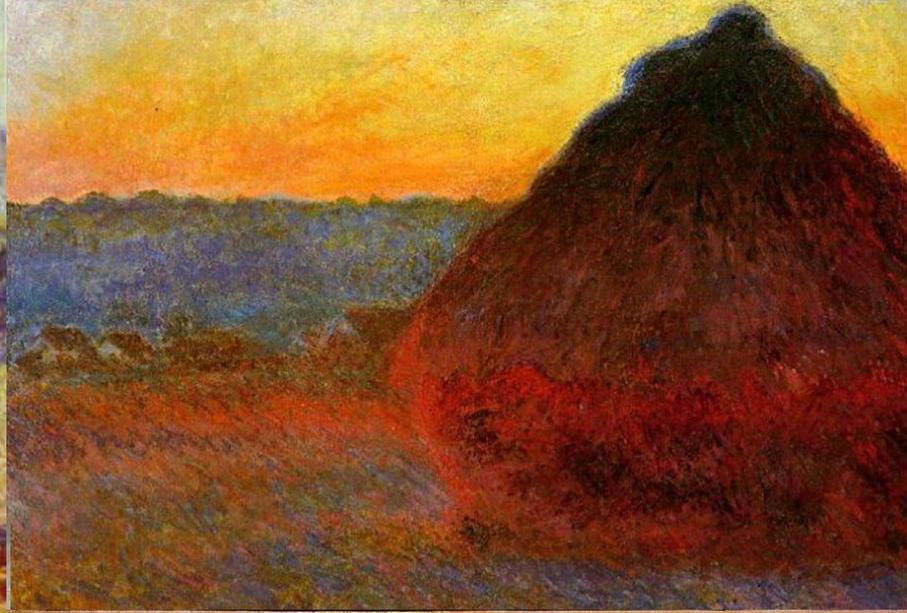


Mont Sainte-Victoire Paul Cézanne 1902-04



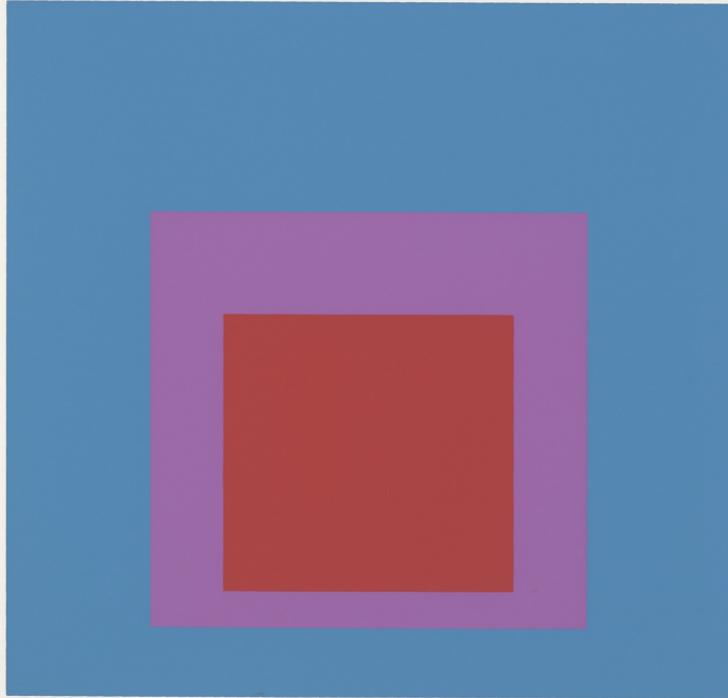
*Young Woman Powdering
Herself* Georges Seurat 1890

"...I need to work a great deal to capture what I'm trying to get across: *instantaneity*... ."



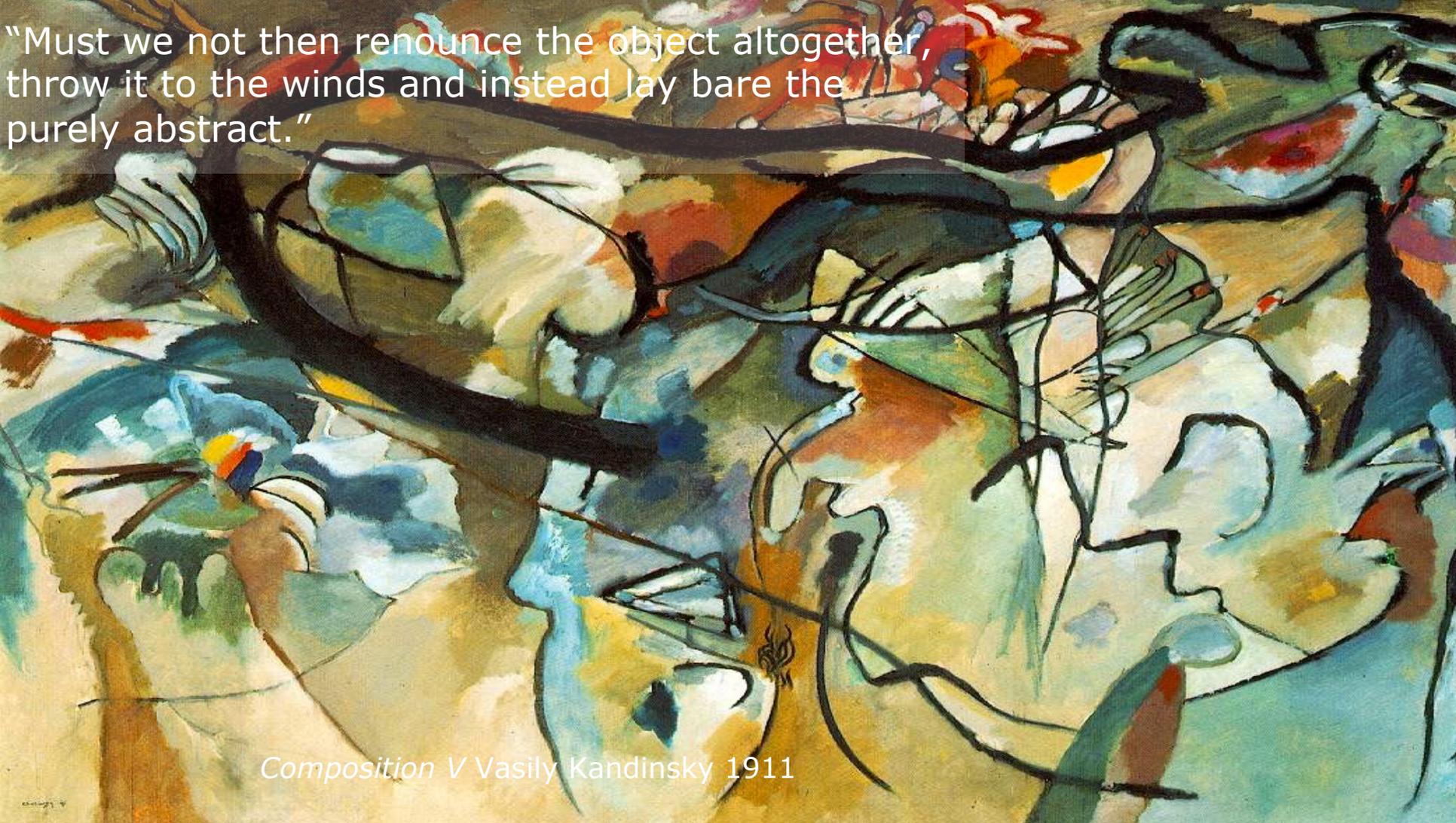
Monet did not use black; shadows are made of colors.

“What counts here—first and last—is not so-called knowledge of so-called facts, but seeing.”



Homage to the Square
Josef Albers 1959

“Must we not then renounce the object altogether,
throw it to the winds and instead lay bare the
purely abstract.”

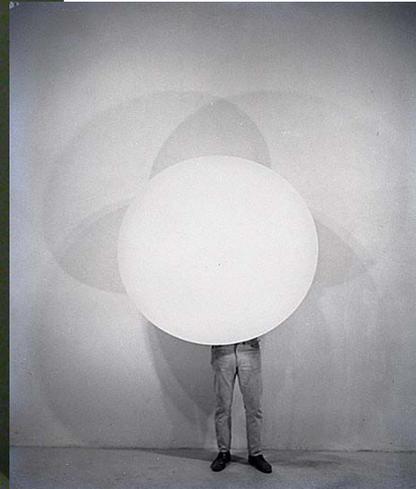


Composition V Vasily Kandinsky 1911

“To be an artist is not a matter of making paintings or objects at all. What we are really dealing with is our state of consciousness and the shape of our perception.”

“The act of art is a tool for extended consciousness.”

Untitled Robert Irwin 1968





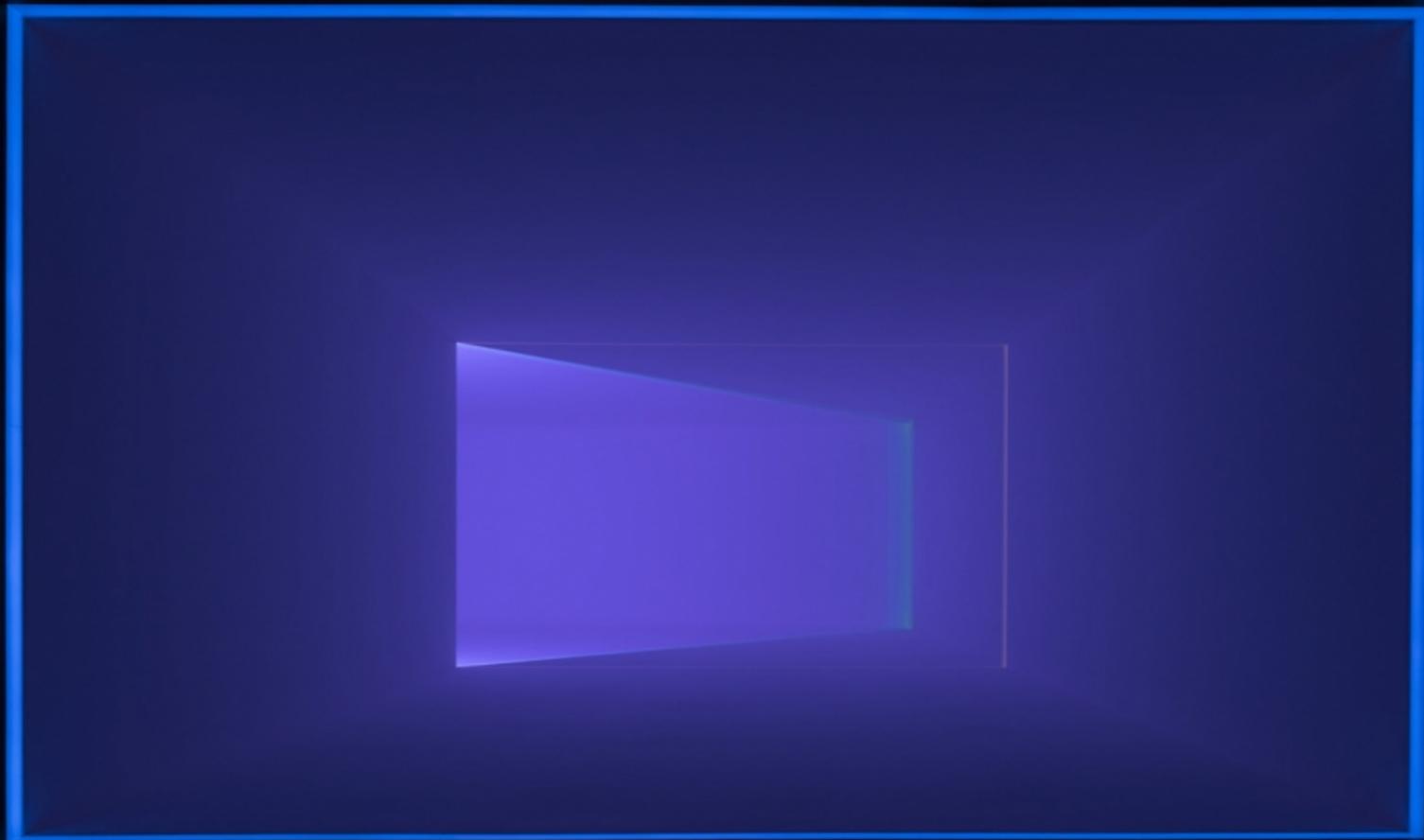
Rotary Glass Plates, 1920
(Precision Optics) Marcel Duchamp



Afrum 1 (White) James Turrell 1967



End Around Ganzfeld James Turrell 2006

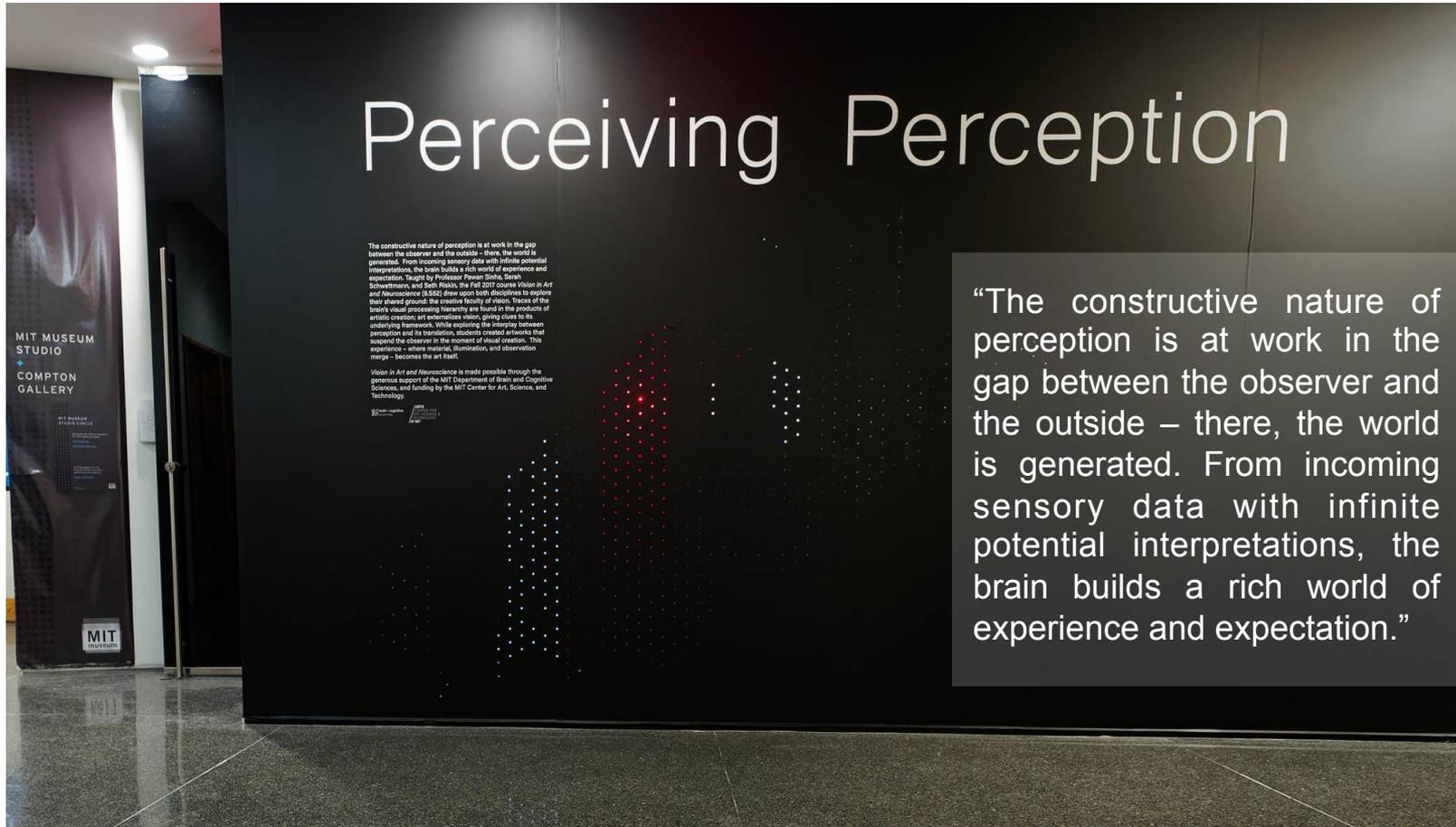


Wedgework James Turrell 2016



Aten Reign James Turrell 2013

December 2017 – February 2018:



web catalog: mit-sensorium.com

“While exploring the interplay between perception and its translation, students created artworks that suspend the observer in the moment of visual creation.”



“This experience – where material, illumination, and observation merge – becomes the art itself.”