

Introduction to Photography

What are your photography Goals?

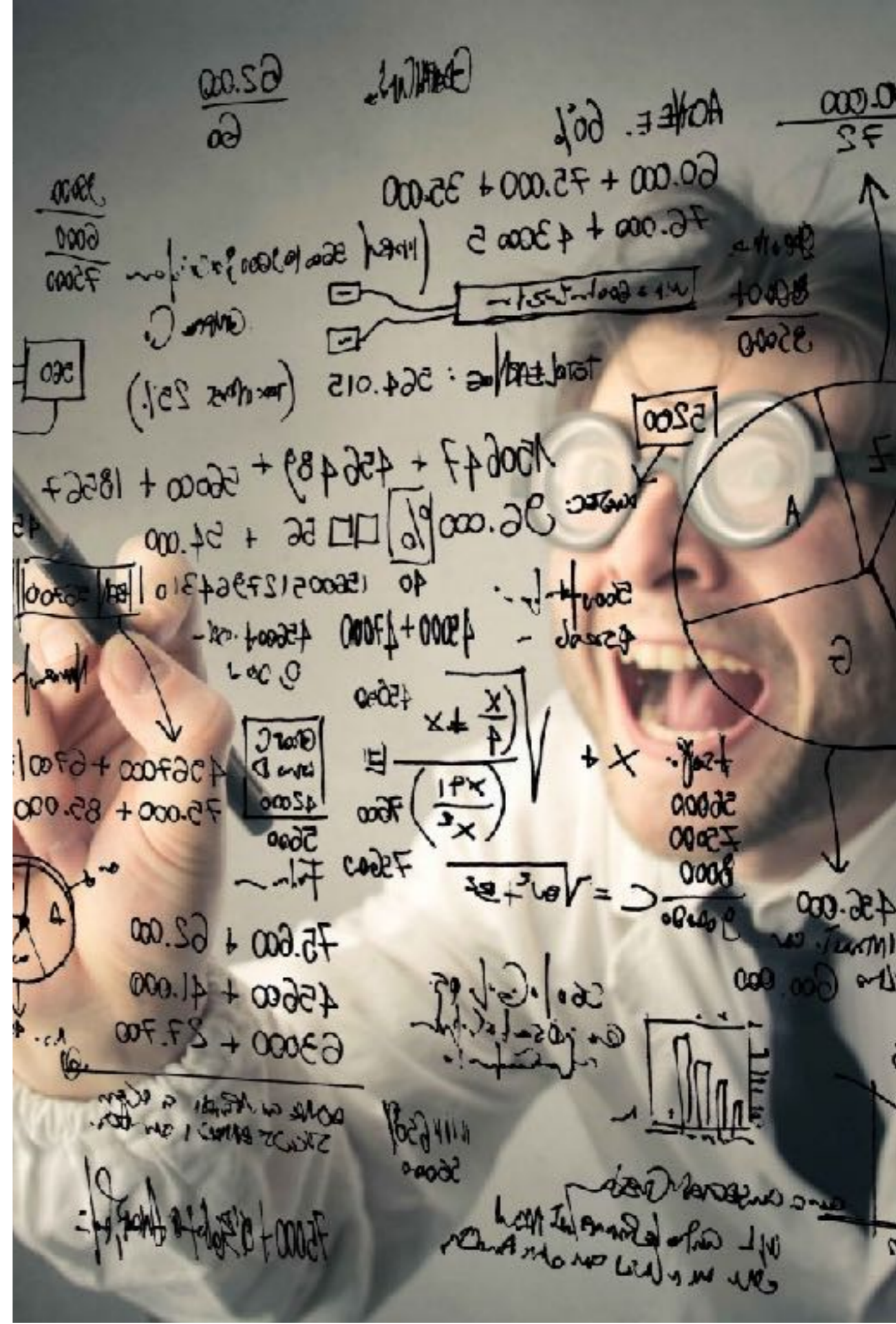
INTRODUCTION TO PHOTOGRAPHY SYLLABUS

- **Evening 1**
 - Camera Basics
 - Composition
- **Evening 2**
 - Gentle Critique
 - Lens Selection
 - Lighting
- **Evening 3**
 - Importance of Presentation
 - Telling a Story with Imagery

Two Minute Personal History...

WARNING!!!

Photography has its own language.
Most of the vocabulary is written
by scientists and not artists.



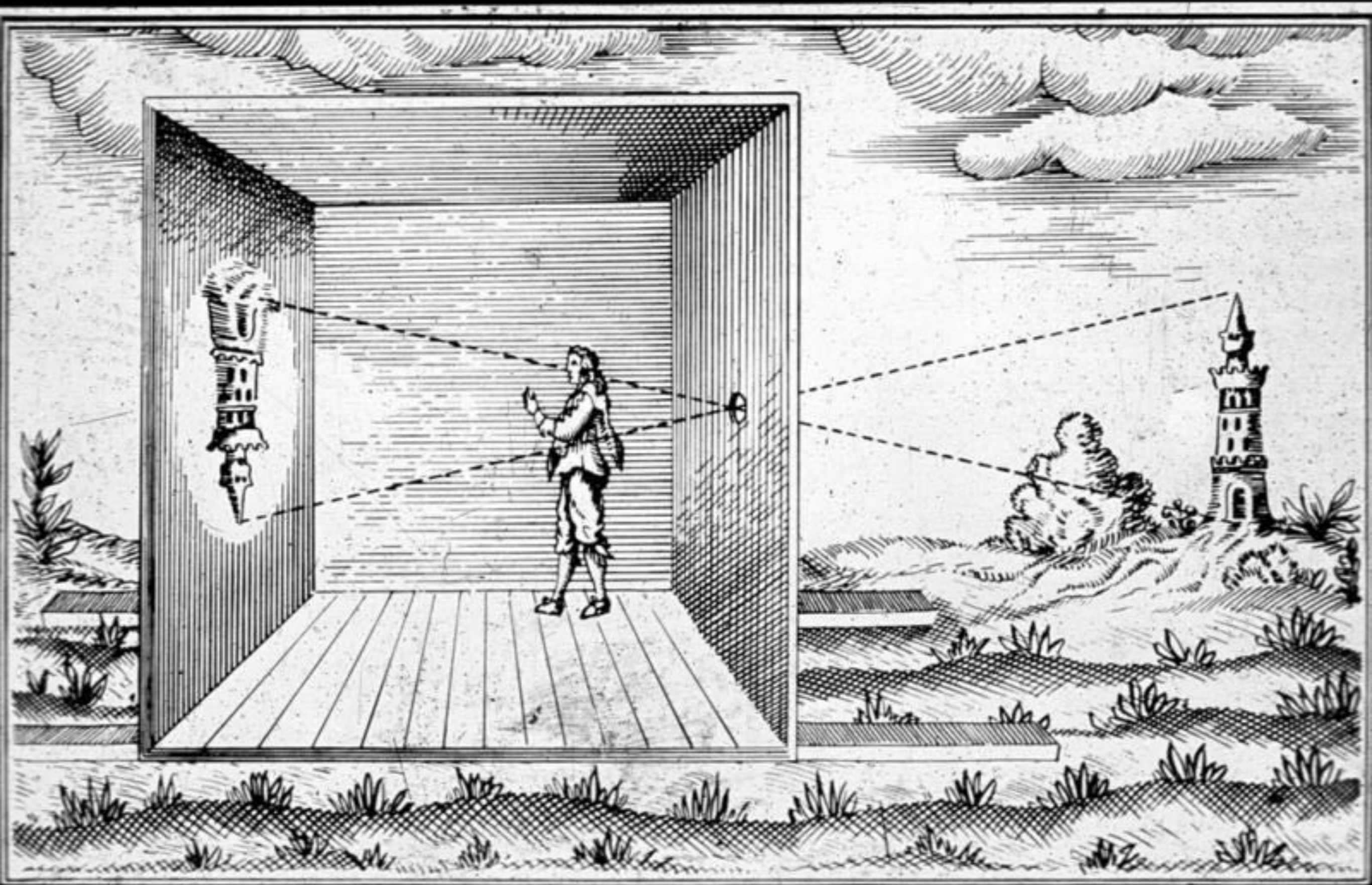


What Is A Camera?

- . Light Tight Box
- . Shutter
- . Aperture
- . Film, Digital Sensor, Paper...



Photo + Graphy





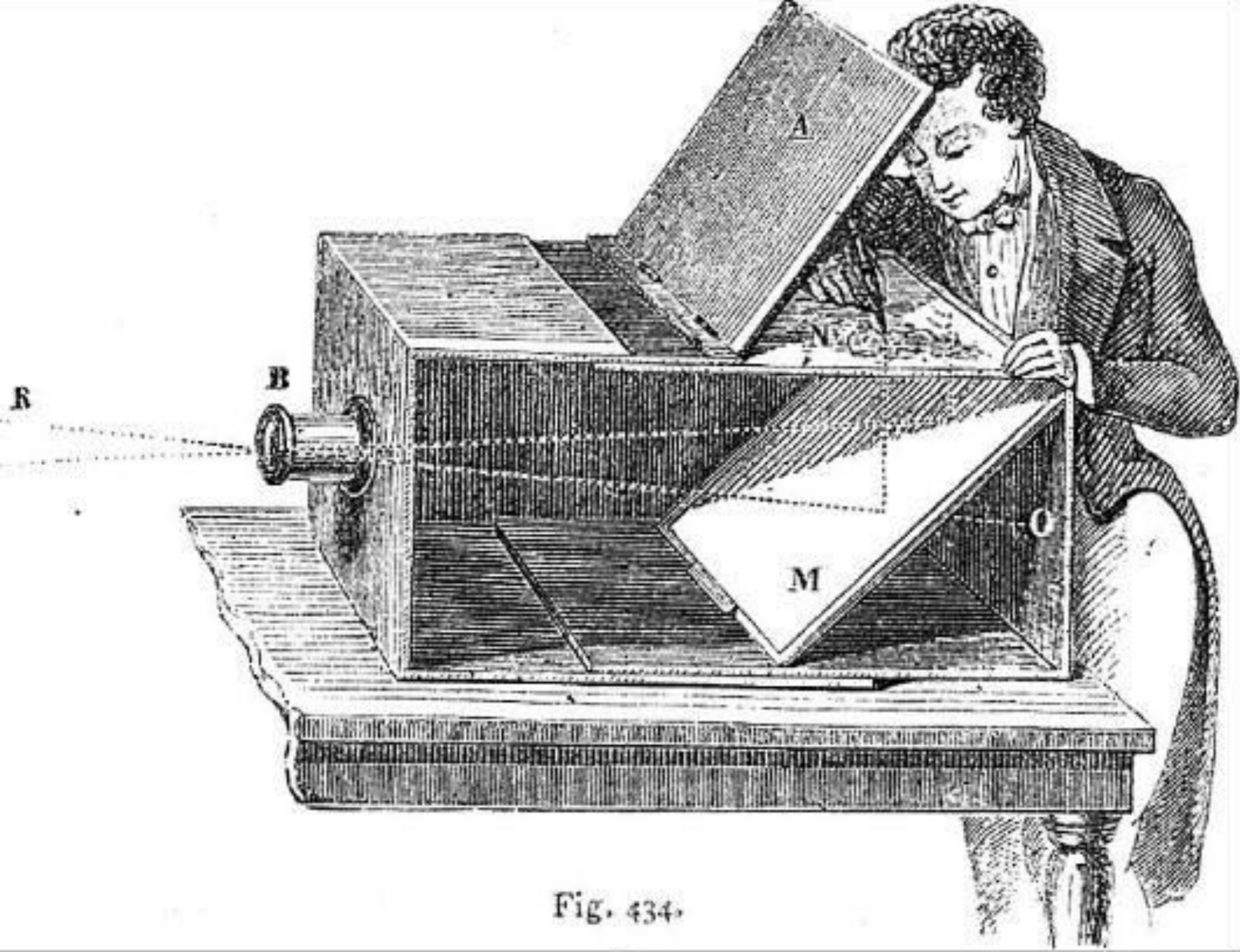
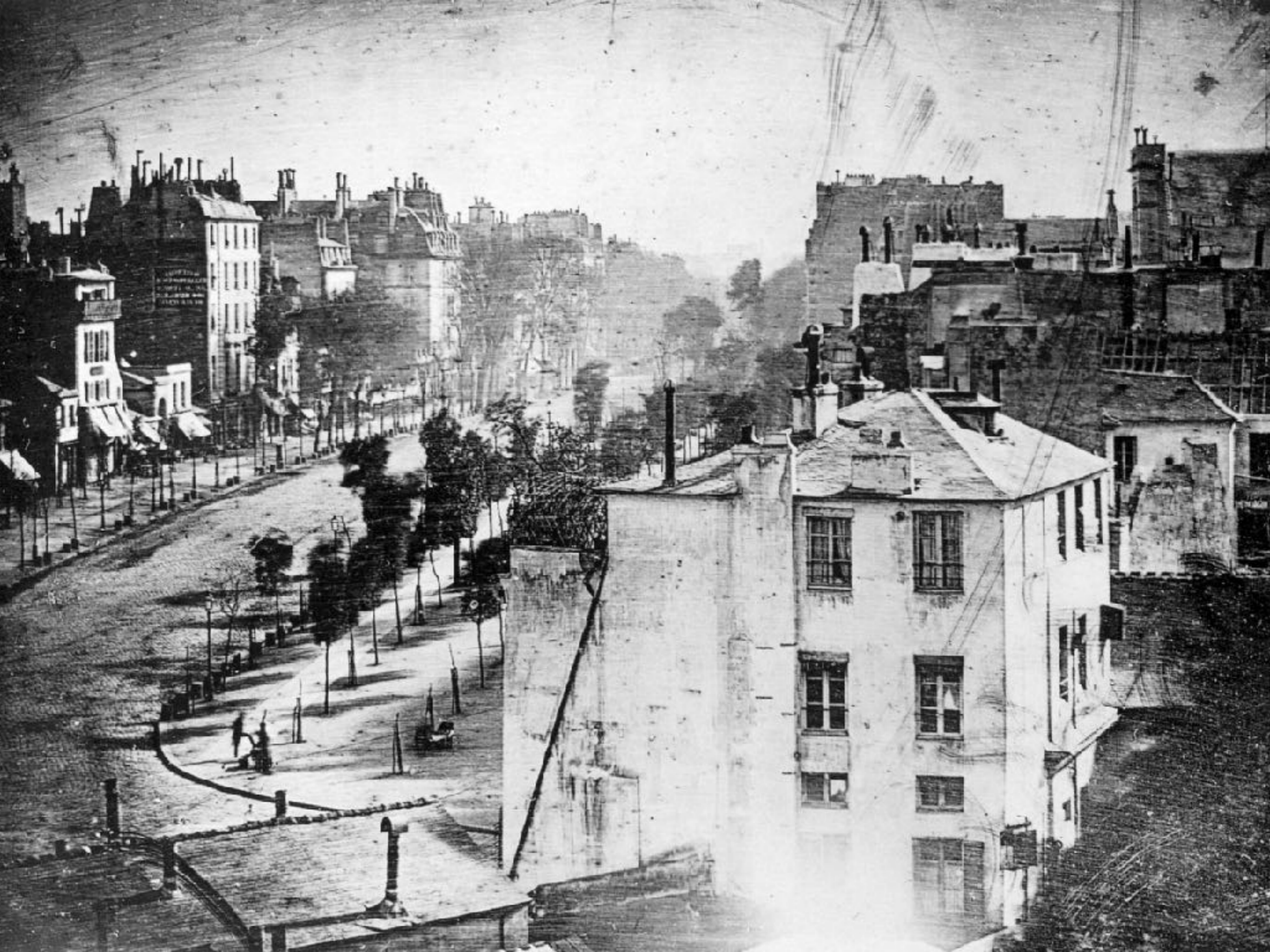


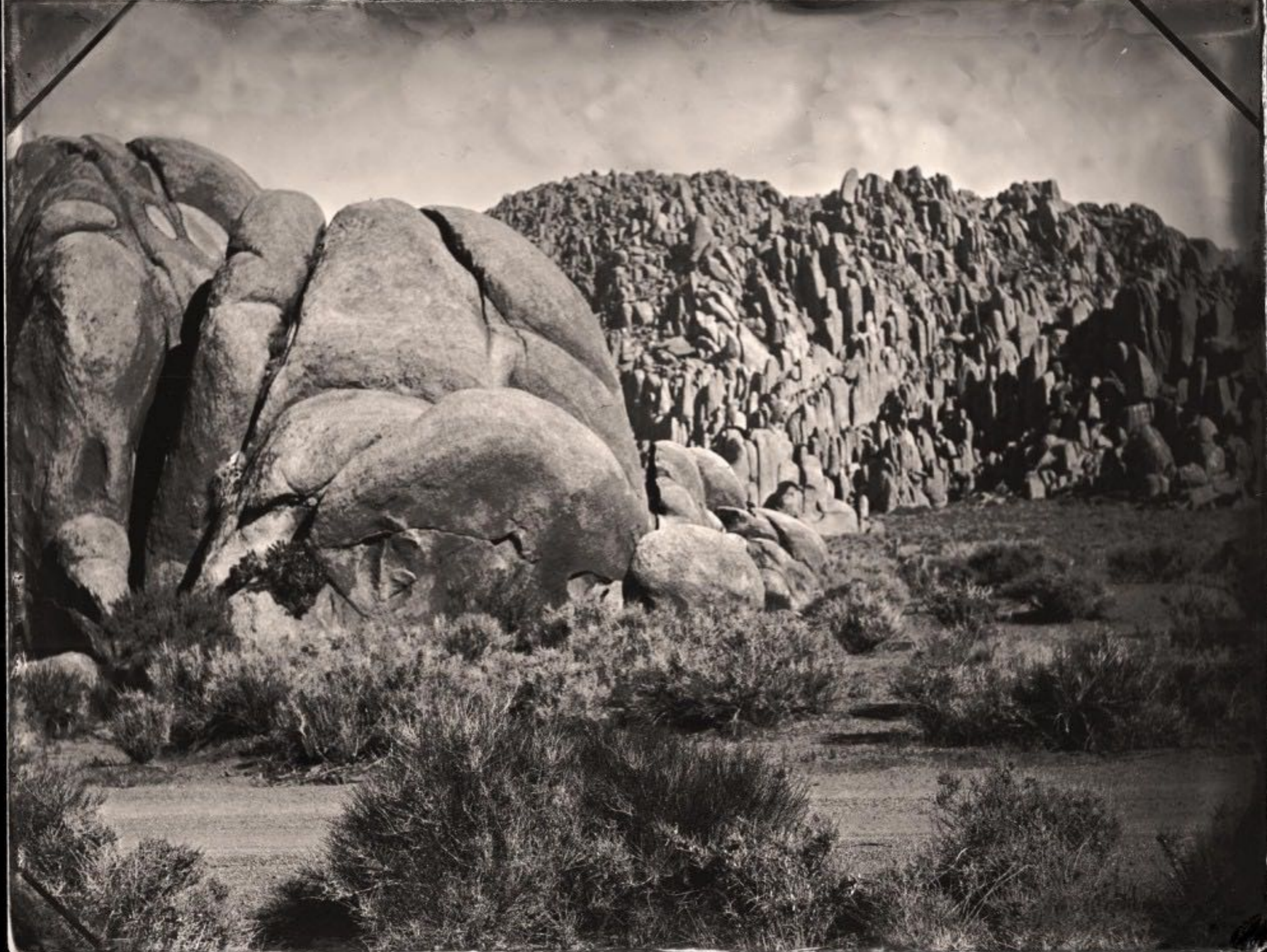
Fig. 434.



















1/500



1/250



1/125



1/60



1/30



1/15



1/8



1/4



1/2

Shutter



Slow Shutter



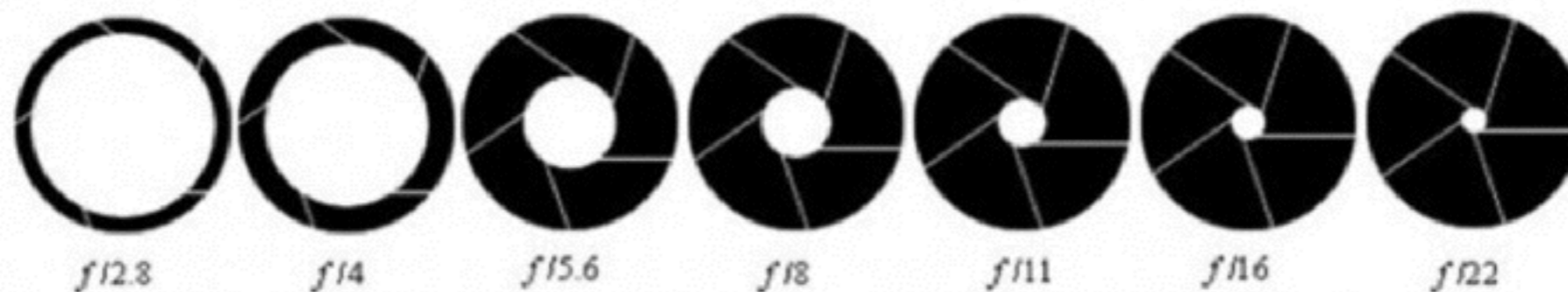
Fast Shutter





Subject Speed vs Camera Shake

APERTURE SCALE



Large aperture



Small aperture

More light strikes image sensor

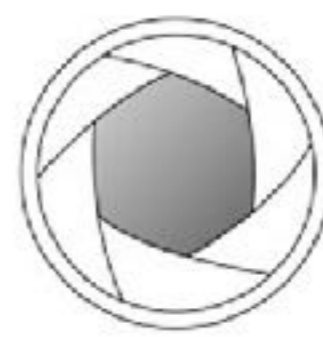
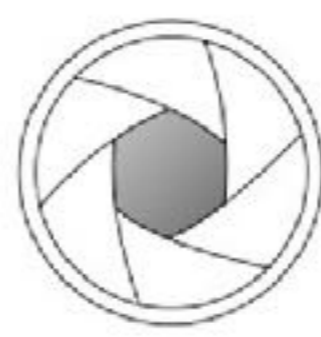
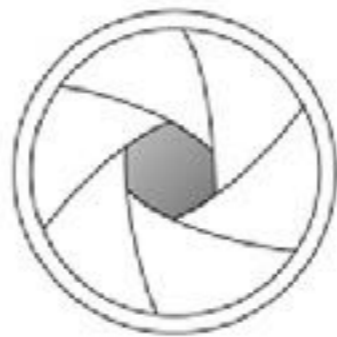
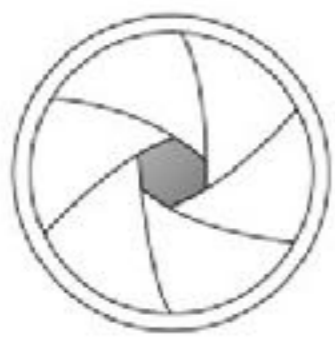
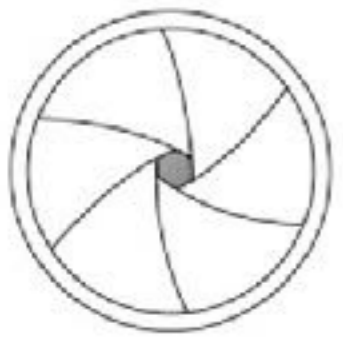
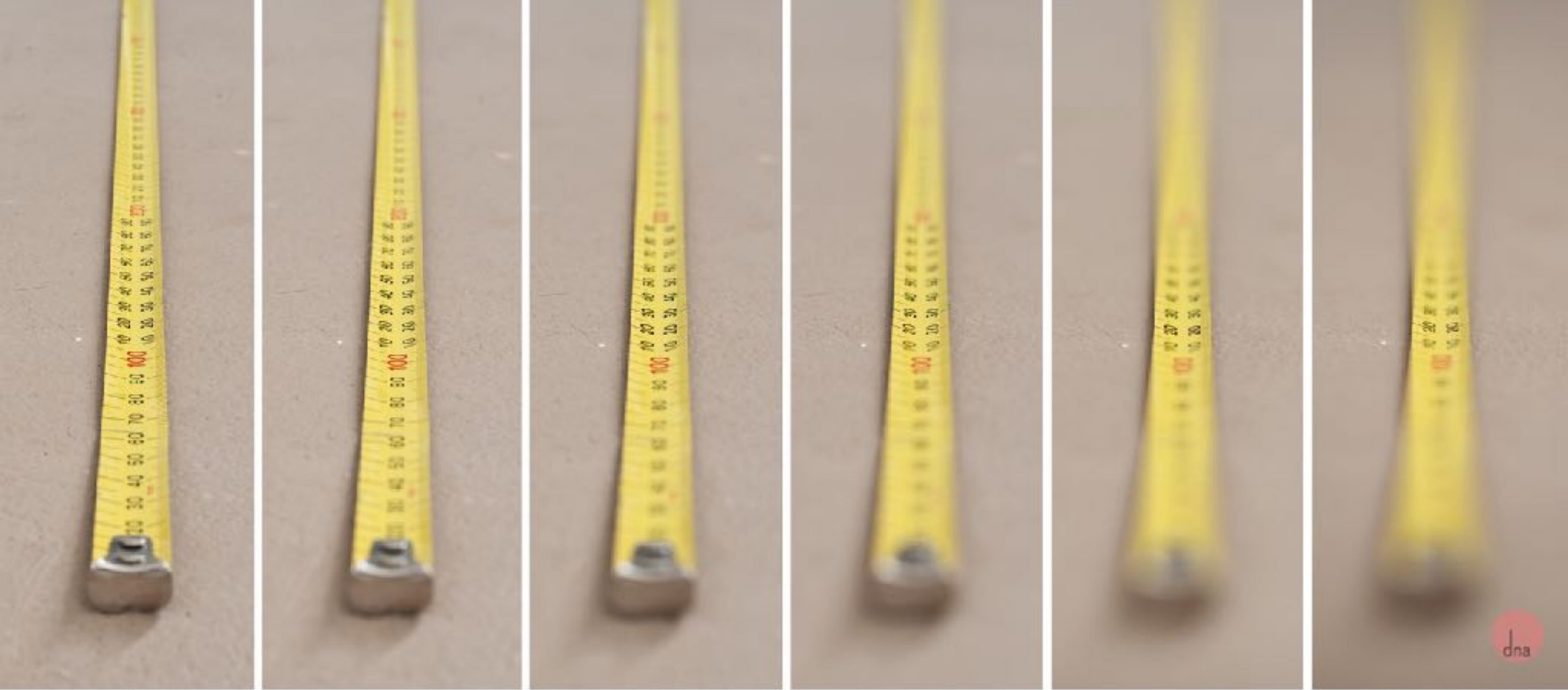


Less light strikes image sensor

Shallow Depth of Field (Focus)



Deep Depth of Field (Focus)



DOF = Depth of Field

f/2.8



f/27



Aperture + Shutter = Exposure

CANON



EVALUATIVE METERING



PARTIAL METERING



SPOT METERING



CENTRE WEIGHTED AVERAGE METERING

NIKON



MATRIX

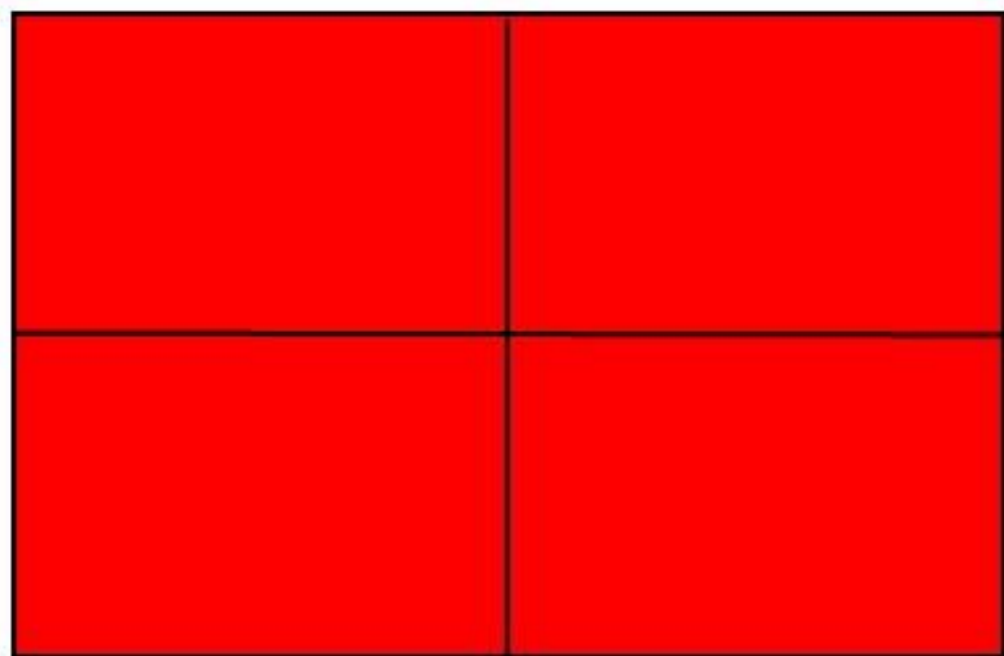


SPOT

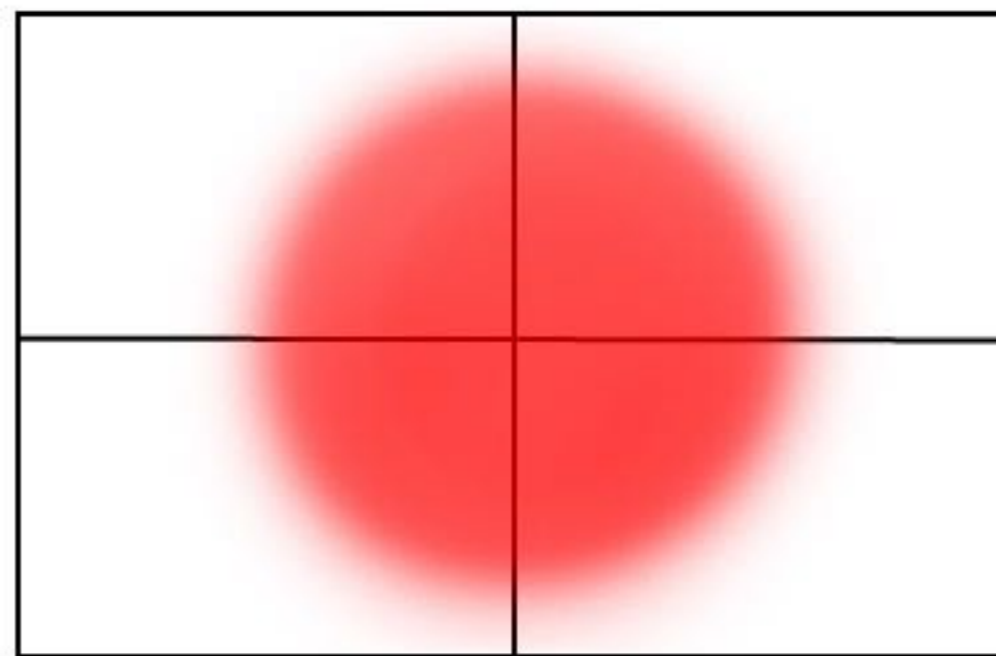


CENTRE WEIGHTED

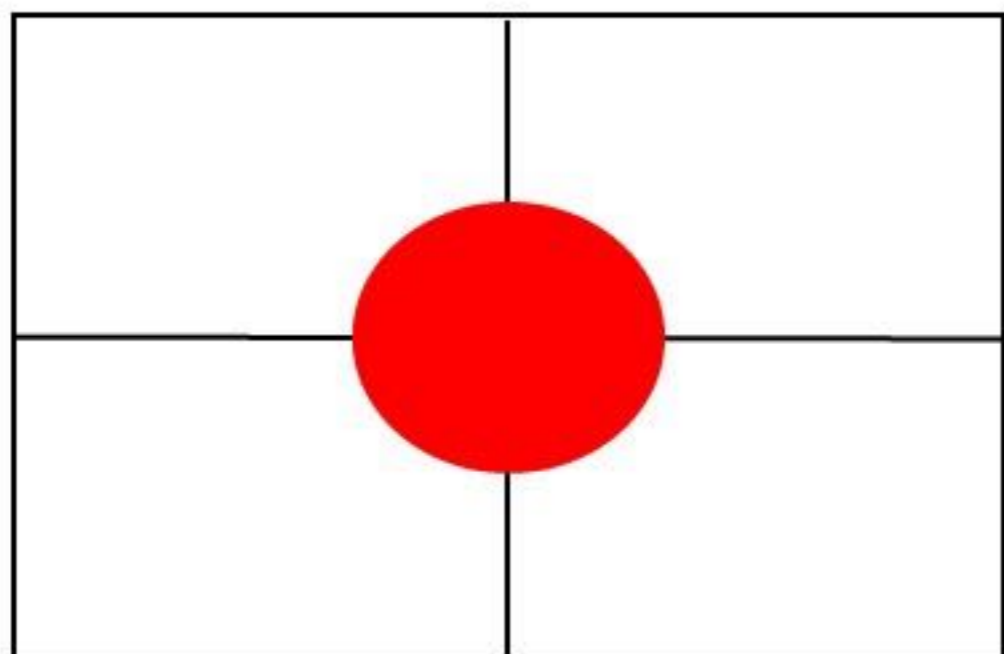
Light Metering Modes



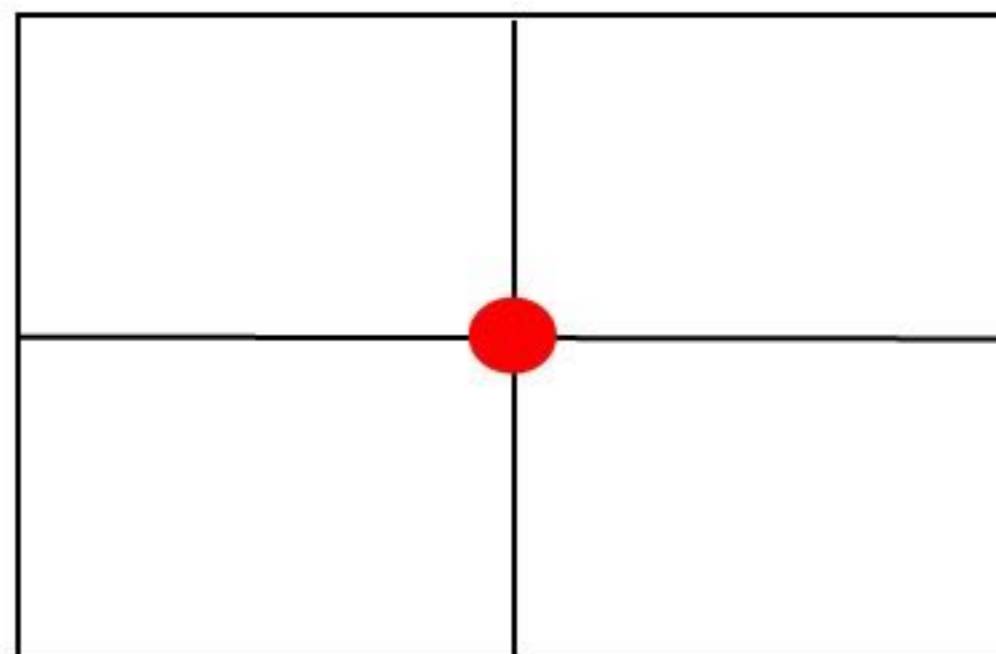
Evaluative/Matrix



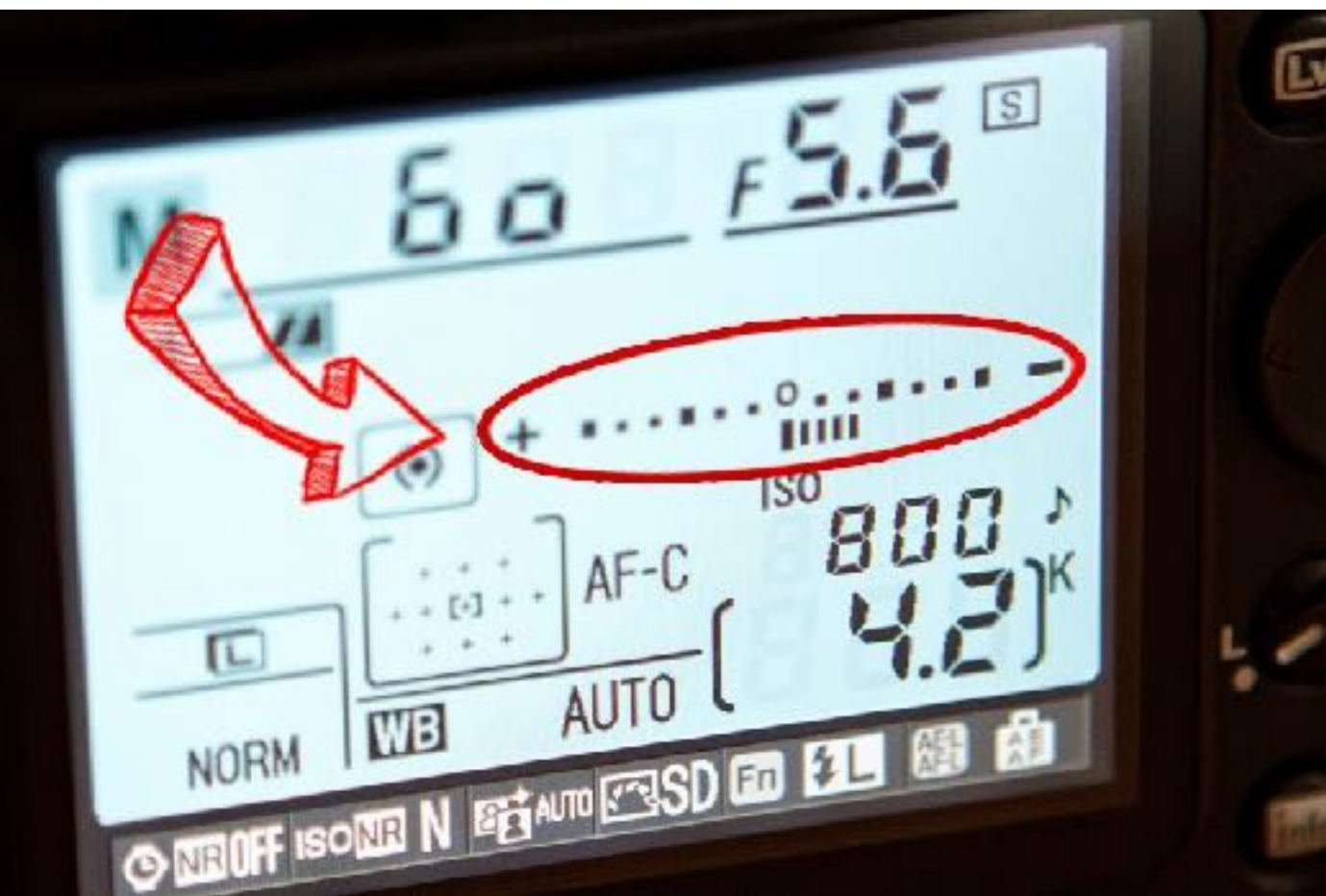
Center-weighted



Partial



Spot





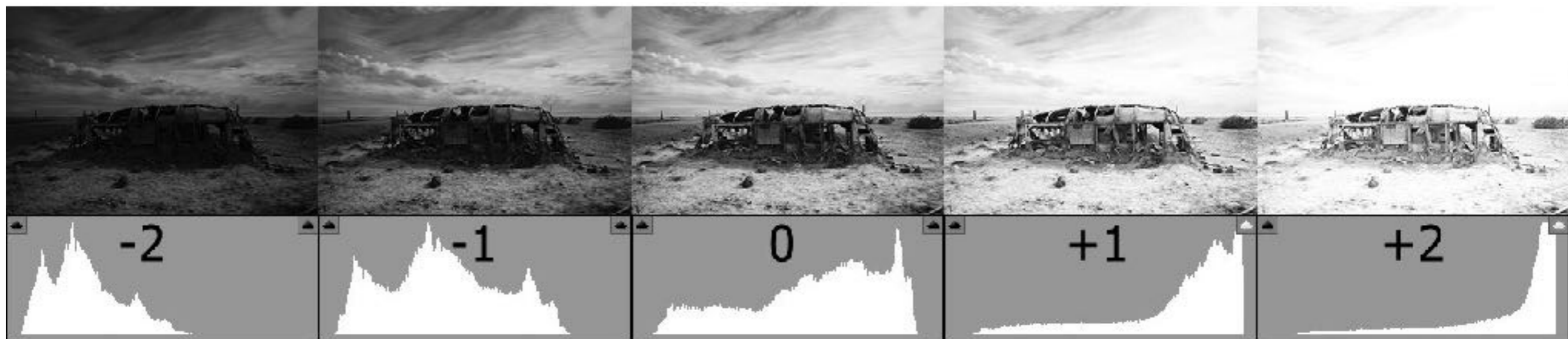
2 ev



0 ev



-2 ev



Histogram

METERED



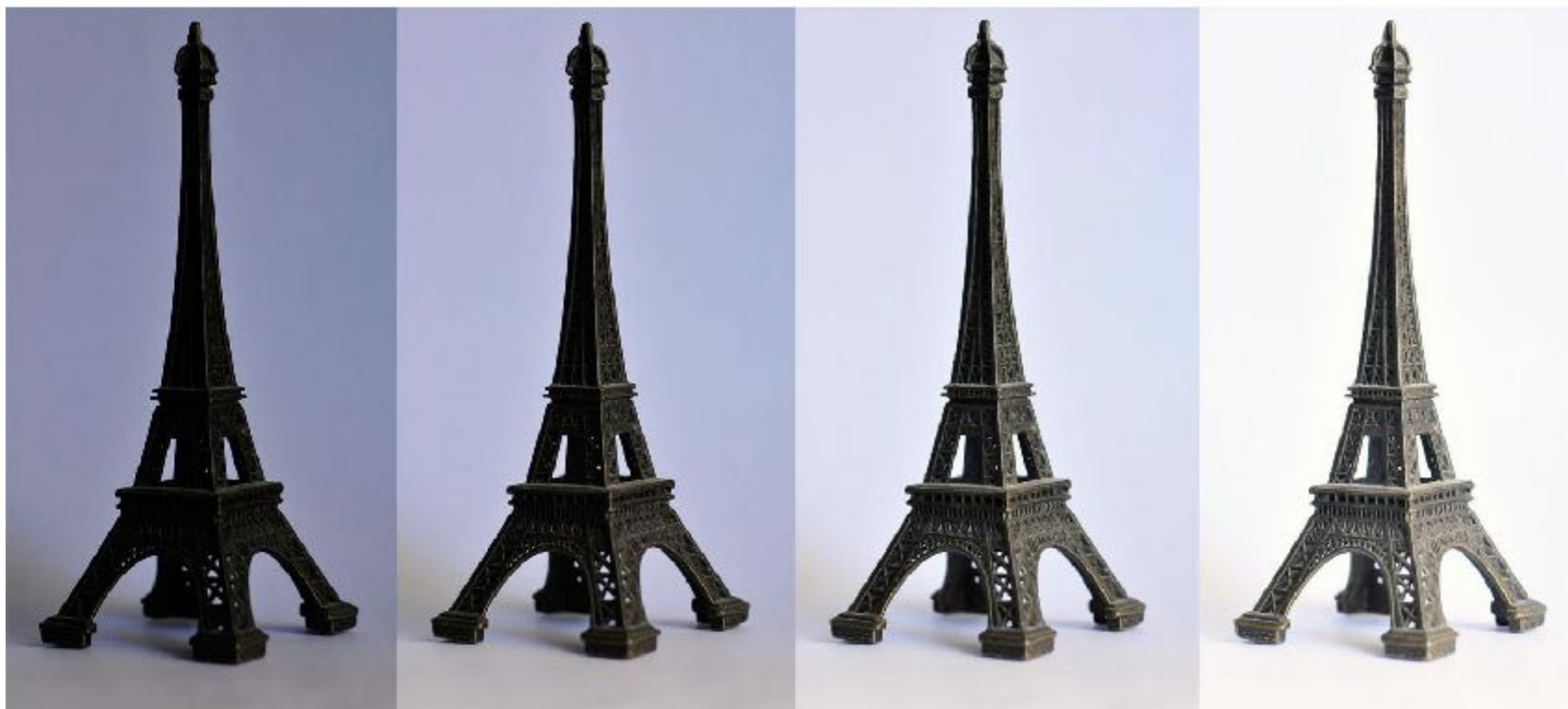
PROPER



OPTIMUM



Beware of Polar Bears + Black Cats



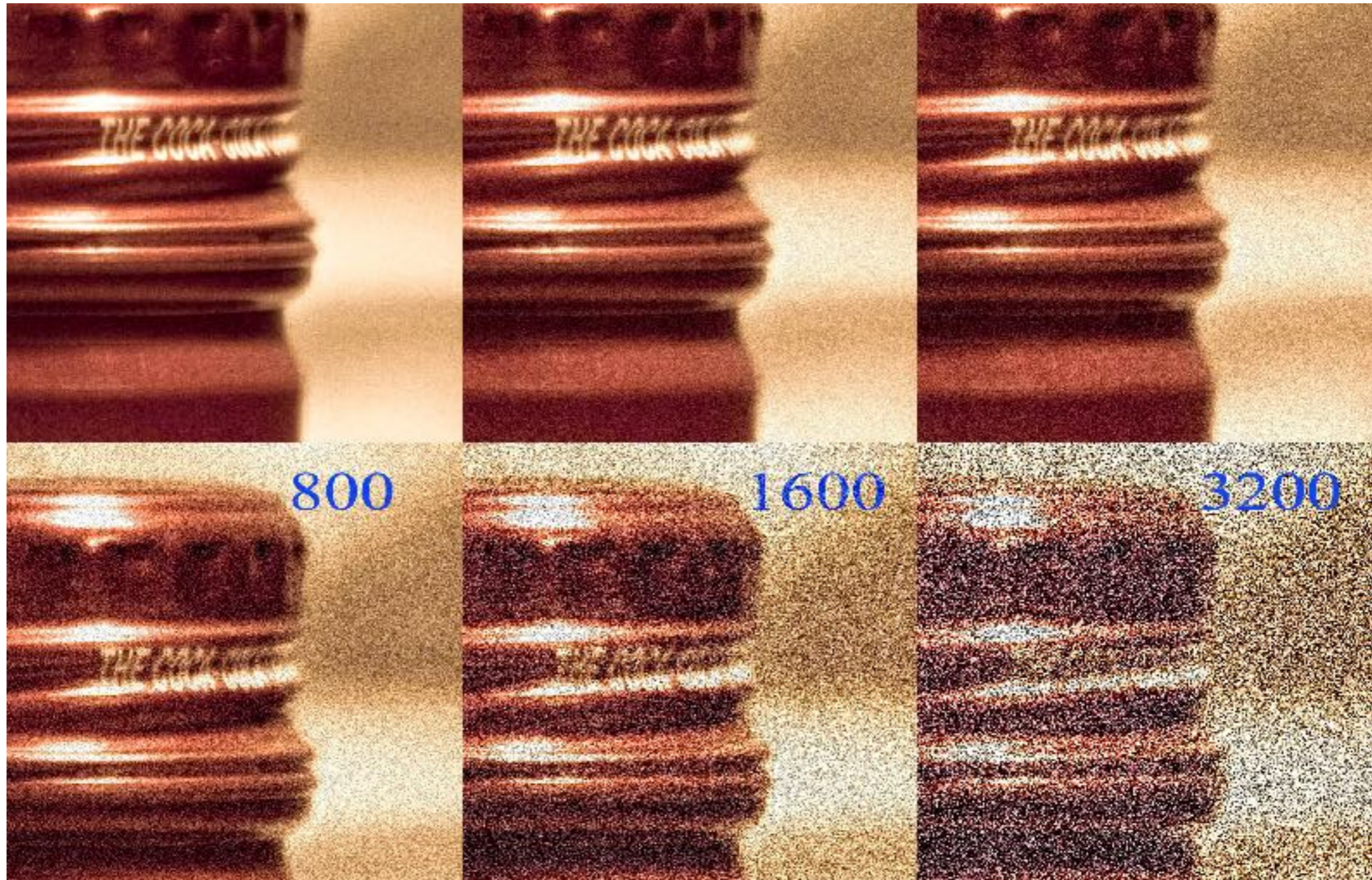
ISO 200

ISO 400

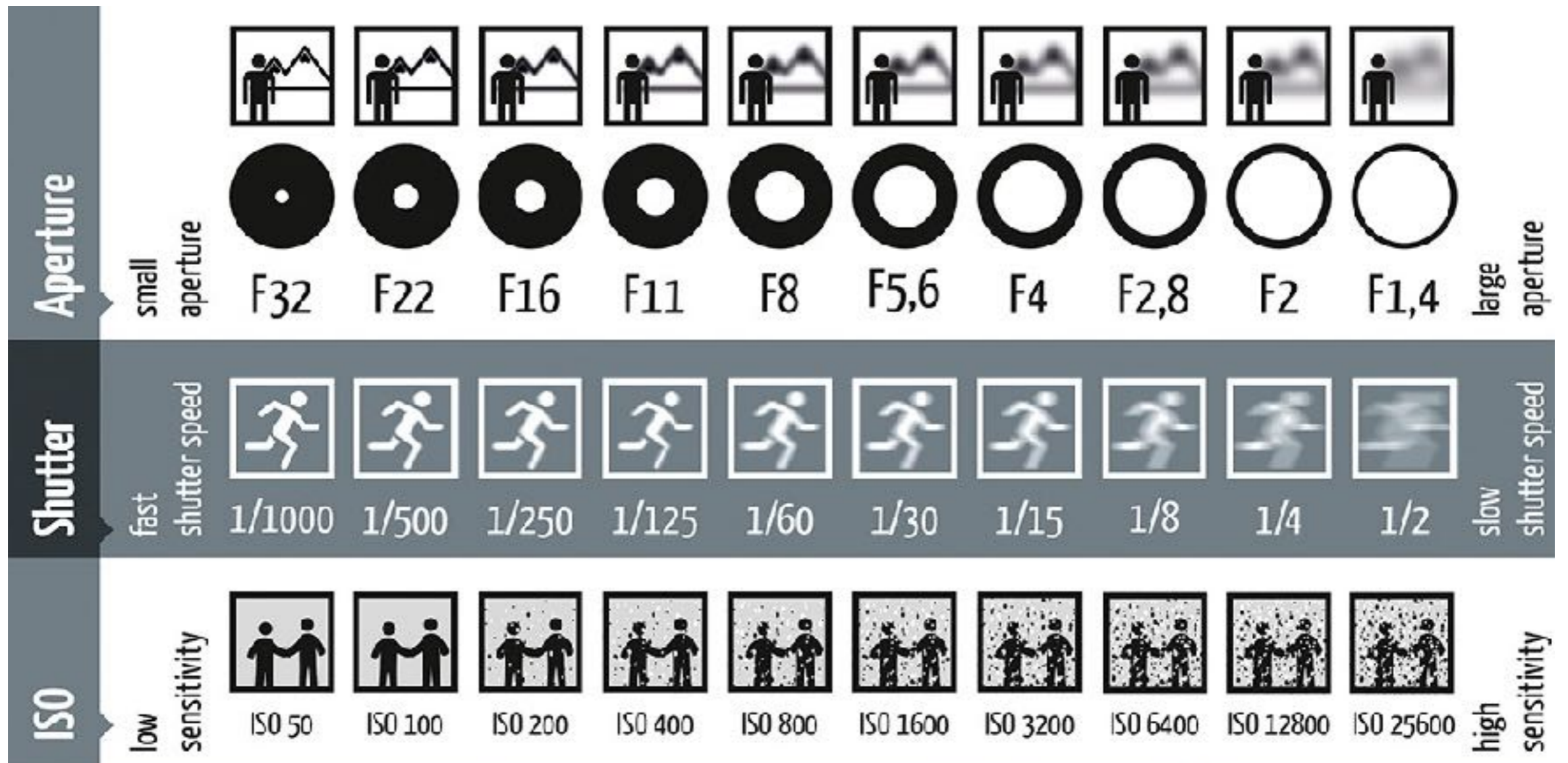
ISO 800

ISO 1600

Film Speed = Camera Speed = ASA = ISO



ISO vs Image Quality

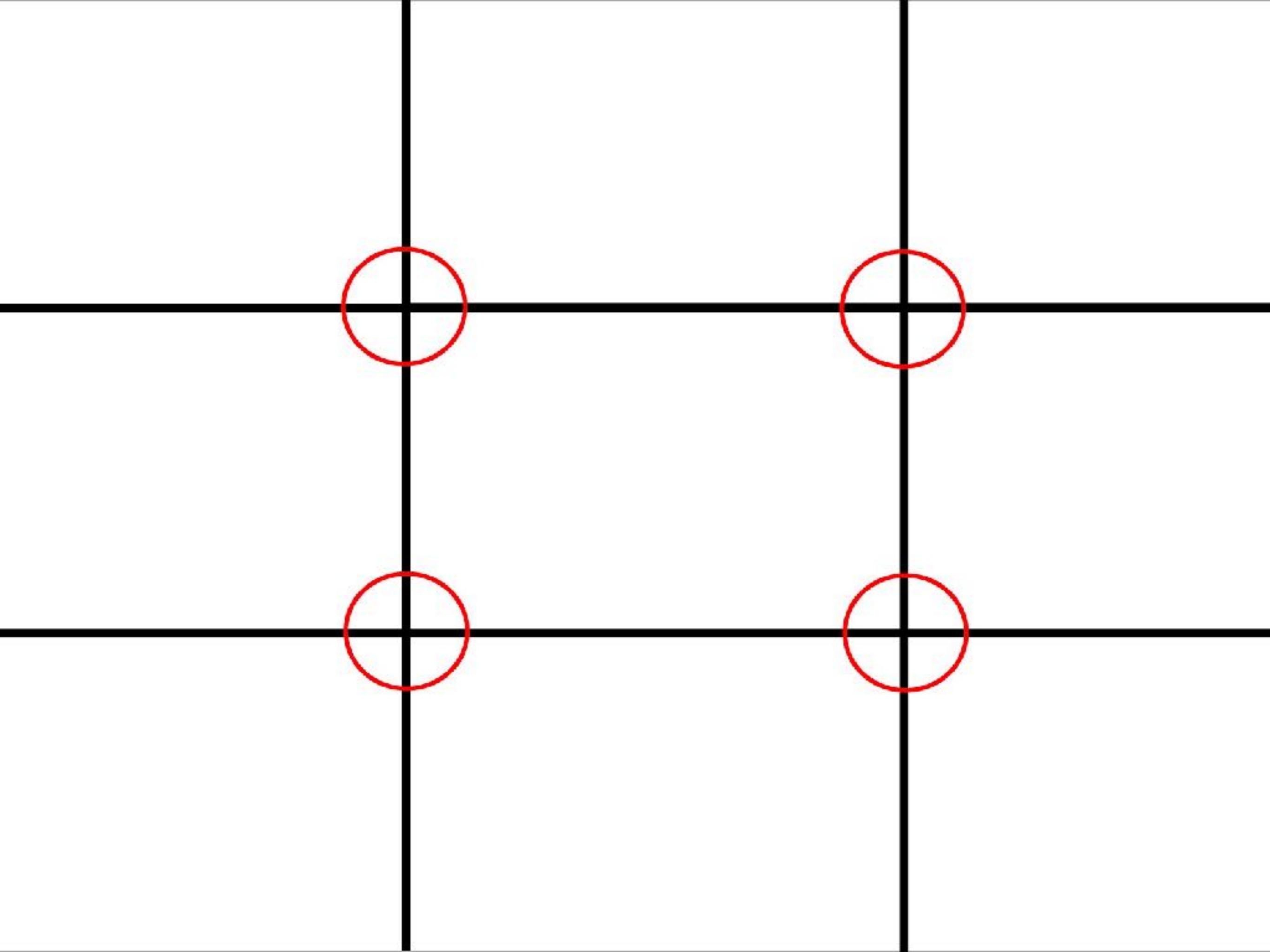


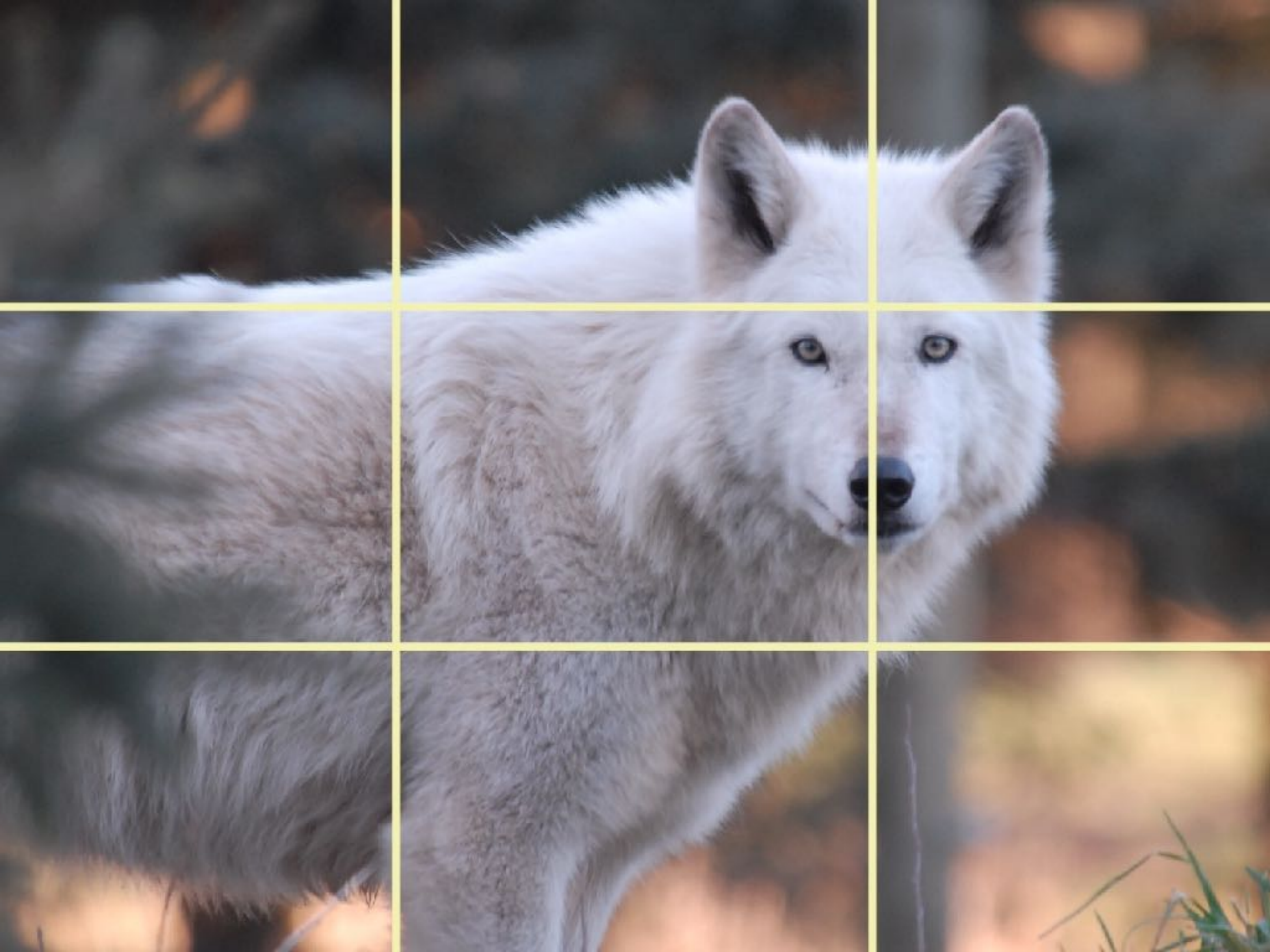
Photography Cheat Sheet

Break

**What is the
best camera?**











Elements of Design

- . Line
- . Shape
- . Color
- . Shape
- . Space
- . Texture















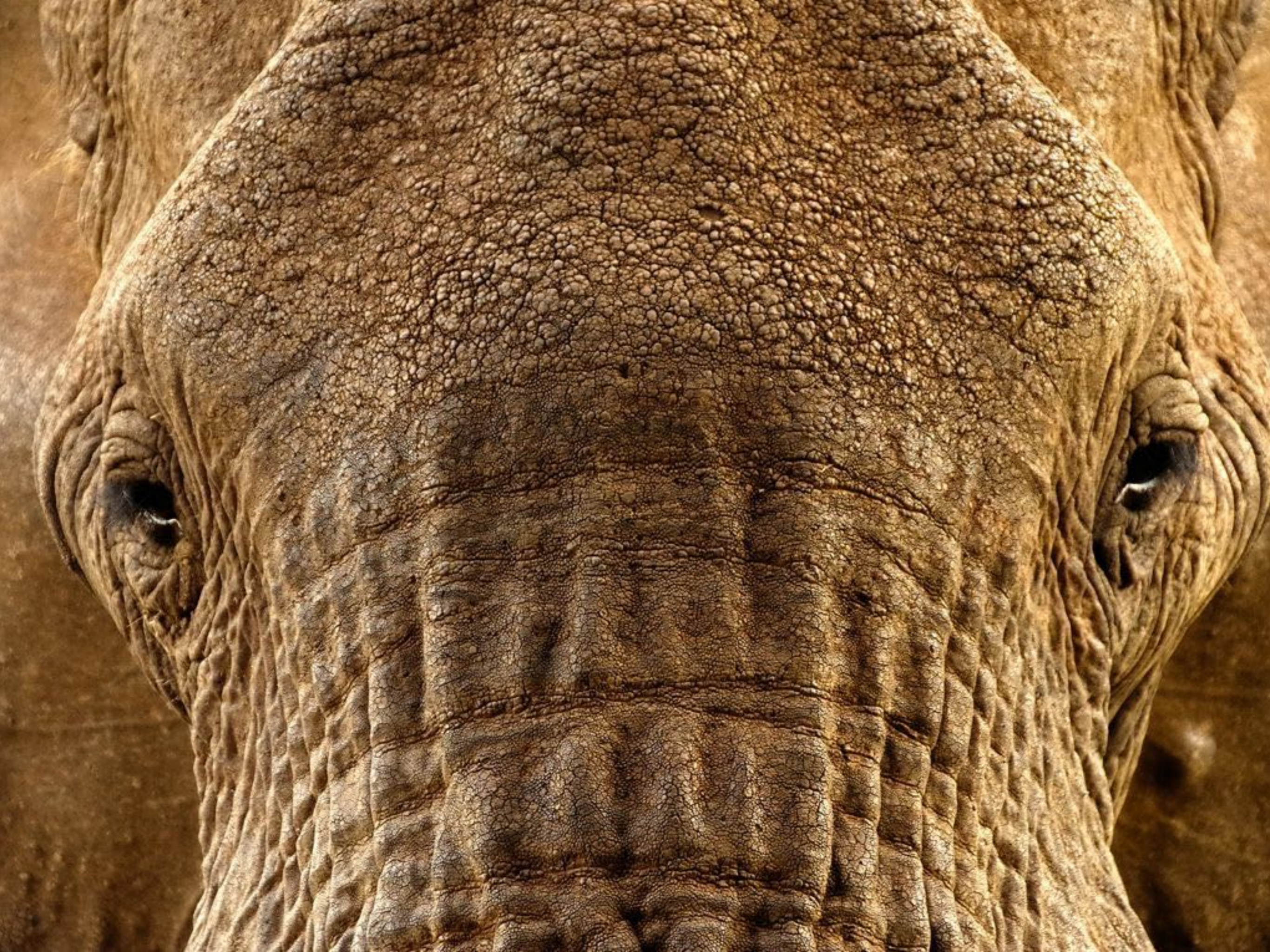
















Rule of Minority













Questions

Homework