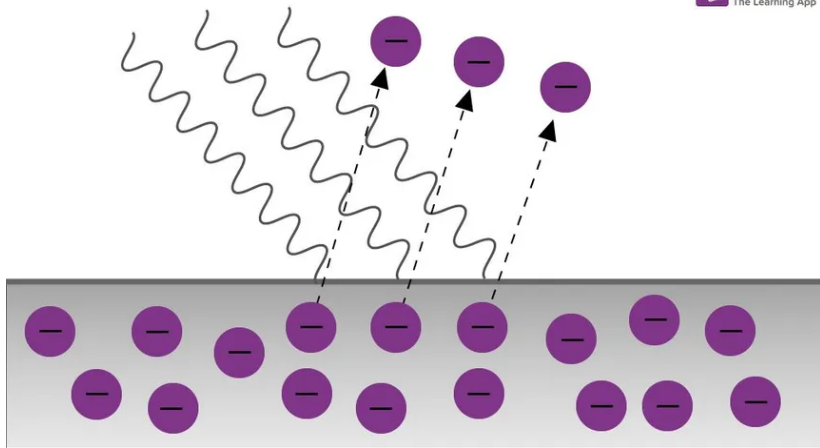


# Image acquisition and sensors

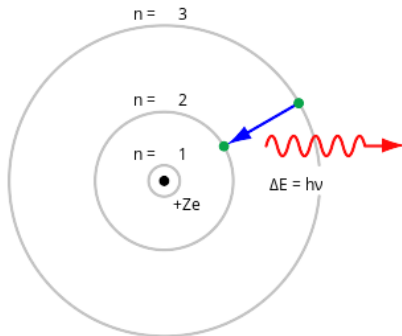
Michel Donnet

January 15, 2024

# Photon counting



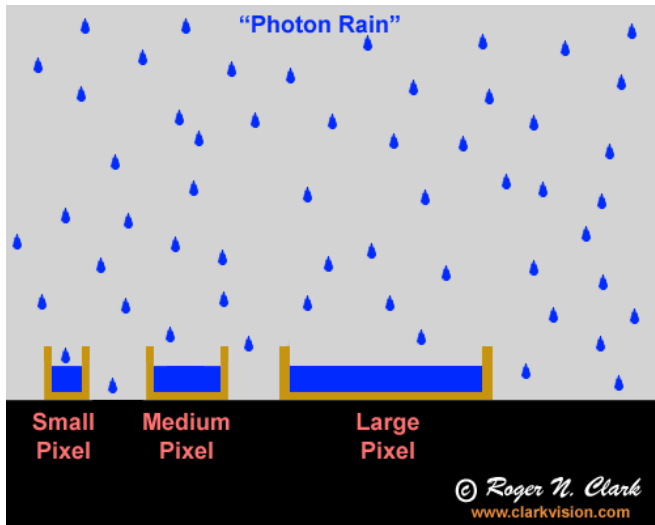
# What I understand



(source: wikipedia)

$$E_{\text{photon}} = hf = h \frac{c}{\lambda} \quad (h \text{ is the Planck constant})$$

# Analogy



# Sensor: shema

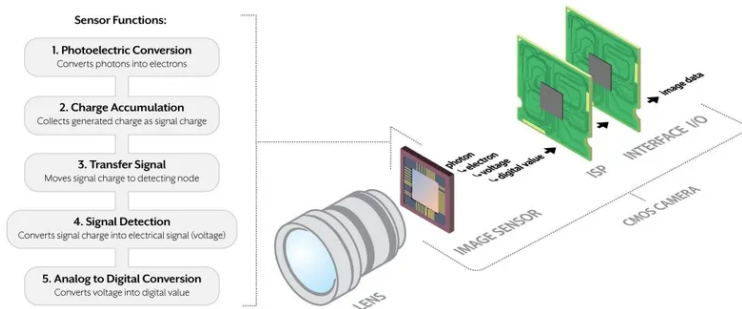


Figure 1: source: thinklucid.com