

Al-Hasan ibn al-Hasan ibn al-Haytham

A Pioneer of the Scientific Method



Basra & Cairo • Fatimid Era
c. 965–1040 CE

The Father of Modern Optics

Ibn al-Haytham revolutionized physics by proving that light enters the eye rather than emitting from it, disproving ancient theories of vision.

Through meticulous experimentation with the camera obscura, he established that light travels in straight lines—laying the core foundations for modern optics, photography, and the scientific method.