

INDEX

1. PROPAGATION OF LIGHT

- OPS 1.3 Light and shadow
- OPS 1.4 Core shadow, half shadow
- OPS 1.5 Lunar phases
- OPS 1.6 Solar and lunar eclipse
- OPS 1.7 Pinhole camera
- OPS 1.8 Photometer

2. MIRRORS

- OPS 2.5.1 Images on a concave mirror
- OPS 2.8.1 Images on a convex mirror

4. LENSES

- OPS 4.2.1 Determination of the focal length of convex lenses
- OPS 4.4.1 Images of a convex lens
- OPS 4.4.2 Law of imagery for convex lenses
- OPS 4.5.1 Determination of the focal length of concave lenses
- OPS 4.7.1 Images with a concave lens
- OPS 4.8 Spherical lens aberrations
- OPS 4.9 Chromatic lens aberrations

5. COLOURS

- OPS 5.2 Colour splitting of light by means of a prism and consequent recombination
- OPS 5.3 Additive mixing of colours
- OPS 5.4 Subtractive mixing of colours
- OPS 5.5 Body colours

6. THE EYE

- OPS 6.1.1 Model of the human eye
- OPS 6.5 Aberrations of the eye and their corrections

7. OPTICAL INSTRUMENTS

- OPS 7.1 Magnifying glass
- OPS 7.2 Slide projector
- OPS 7.3 Microscope
- OPS 7.4 Telescope
- OPS 7.5 Camera

8. WAVEOPTICS

- OPS 8.1 Diffraction on a grating material
- OPS 8.2 Determination of the wave length
- OPS 8.3 Polarizing with filters
- OPS 8.4 Rotation of the plane of polarization by inserting solid materials
- OPS 8.5 Model of a saccharimeter
- OPS 8.6 Photoelasticity