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1

RAY OPTICS

1.1 FUNDAMENTALS OF RAY OPTICS

Example 1.1

Example 1.1 A ray of light

is incident on a surface at an angle of incidence i .

The angle of refraction is r and the angle of reflection is r' .

Find the angle of incidence.

The angle of incidence is i and the angle of refraction is r .

The angle of reflection is r' and the angle of incidence is i .

Find the angle of incidence.

The angle of incidence is i and the angle of refraction is r .

The angle of reflection is r' and the angle of incidence is i .

The angle of incidence is i and the angle of refraction is r .

1.2 REFRACTION OF LIGHT AT A SURFACE

Example 1.2

Example 1.2 A ray of light



The angle of incidence is i and the angle of refraction is r .

The angle of reflection is r' and the angle of incidence is i .

The angle of incidence is i and the angle of refraction is r .

The angle of reflection is r' and the angle of incidence is i .

The angle of incidence is i and the angle of refraction is r .

The angle of reflection is r' and the angle of incidence is i .

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