

# BACKGROUND OPTICS

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## Notation

Fig. 1.1. A ray is incident on a flat surface at an angle  $i$  to the normal to the surface.

a small increment in a variable (here  $x$ ) approximately  $\frac{dy}{dx} \Delta x$  initially (at  $x=0$ ) which leads to plus or minus CR 39 plastic 1.4985

### Refractive Index

1.00029

1.333

1.5 to 1.8

1.4985

1.490