

Polarisation

Physics

What polarisation is, and the ways it is produced.

How polarised light is produced and used.

Method	How
Polarising filter	Transmits one plane only
Reflection	Partial polarisation at Brewster's angle
Scattering	Sky light is partially polarised
Birefringence	Crystals split into two polarisations

Two crossed polarisers block all light. Malus's law: transmitted intensity is $I_0 \cos^2 \theta$ between two polarisers.