

Class 18 - Monochromatic EM waves, absorption and dispersion

The learning objectives of this class:

- Simplify the Maxwell equation for monochromatic plane fields/waves
- Define absorption and dispersion as processes that occur when the light travels a medium
- Apply the Beer's law to determine the amount of transmitted light
- Quantify the dispersion using the Abbe value, the Cauchy equation, or the Sellmeier equation.



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