

Class 17 - Maxwell equations, Boundaries Conditions, Poynting theorem, EM waves in a dielectric medium

The learning objectives of this class:

- Review of electromagnetic theory for Optics
- Generalization of Maxwell equations for an arbitrary media
- Introduction of polarization and magnetization fields
- Describe optical electromagnetic waves in dielectric media



Class 17 - Maxwell equations, Boundaries Conditions, Poynting theorem, EM waves in a dielectric medium is shared under a [CC BY-NC-SA](#) license and was authored, remixed, and/or curated by LibreTexts.