Lecture #19, 10-12-2012

1 = 1 3 = 3

- Functional depending
  - Same on Boundary
  - Boundary conditions
- \( \mathbf{D} \) and \( \mathbf{D}^* \) continuous
- \( \mathbf{E} \) and \( \mathbf{H} \) continuous

Snell's Law: \( n \sin \theta' = n \sin \theta \)

Today:
1. Full Solution
2. Imaginary \( \varepsilon \)
3. Helicity
4. Vector and Scalar potentials
5. Inhomogeneous equations