

Weeks 2-13 and 2-14

Other topics

Chapter 9 and Other Sources

Material Contained in Ch. 9 that could be included

- Light emitting electrochemical cells (Ch. 9.1)
- Microcavity organic exciton polaritons (Ch. 9.2)
- Organic thermoelectricity (Ch. 9.3)
- Memories (Ch. 9.4)
- Organic/2D semiconductor heterojunctions (Ch. 9.5)
- Single molecule electronics (Ch. 9.6)

Other topics worth considering

- Organic waveguide devices
- Nonlinear optical organic devices
- Four wave mixing and optical switches
- More examples of hybrid organic/inorganic semiconductor or organic/insulator structures, phenomena and devices
- Stress-induced optical and electronic phenomena
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