

# nextnano++ Tutorials

## Optics

- [LED simulation](#) - Classical calculation of a p-i-n structure.
- [Internal Quantum Efficiency](#) of a LED
- [Absorption spectrum](#) - Absorption spectrum of a quantum well structure. Both inter-band and intra-band calculations are included
- [Optical Gain](#) - Gain calculated from interband transitions for a monochromatic irradiation with Lorentz broadening
- [WZ LED simulation](#) - Classical calculation of wurtzite QW LED structure
- [Optical absorption \(simple\)](#) - Optical absorption calculation

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