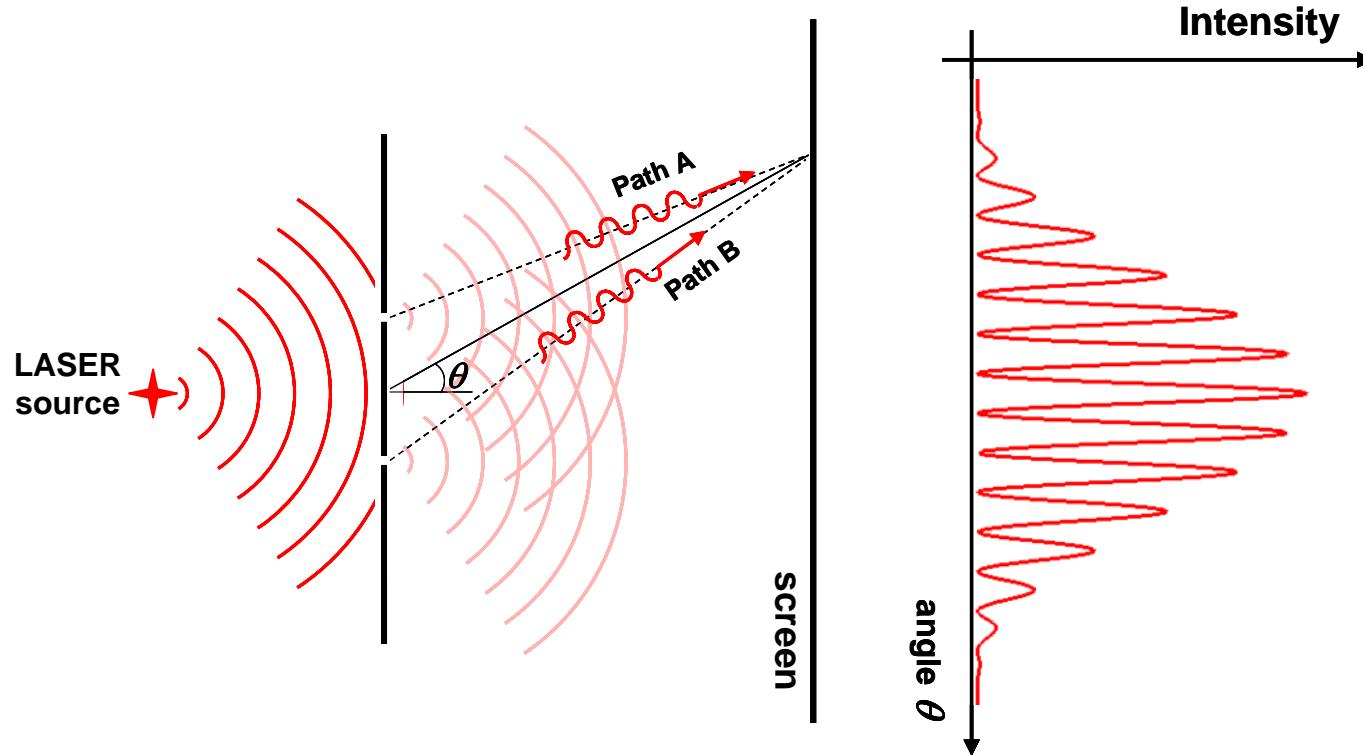


1st Order Coherence

1. What's **coherence**?
2. **Spatial Coherence.**
3. **Temporal Coherence.**
 - Coherence length.
 - Bandwidth of an optical source.
 - Mode-locked lasers.
4. 1st order **correlation function.**

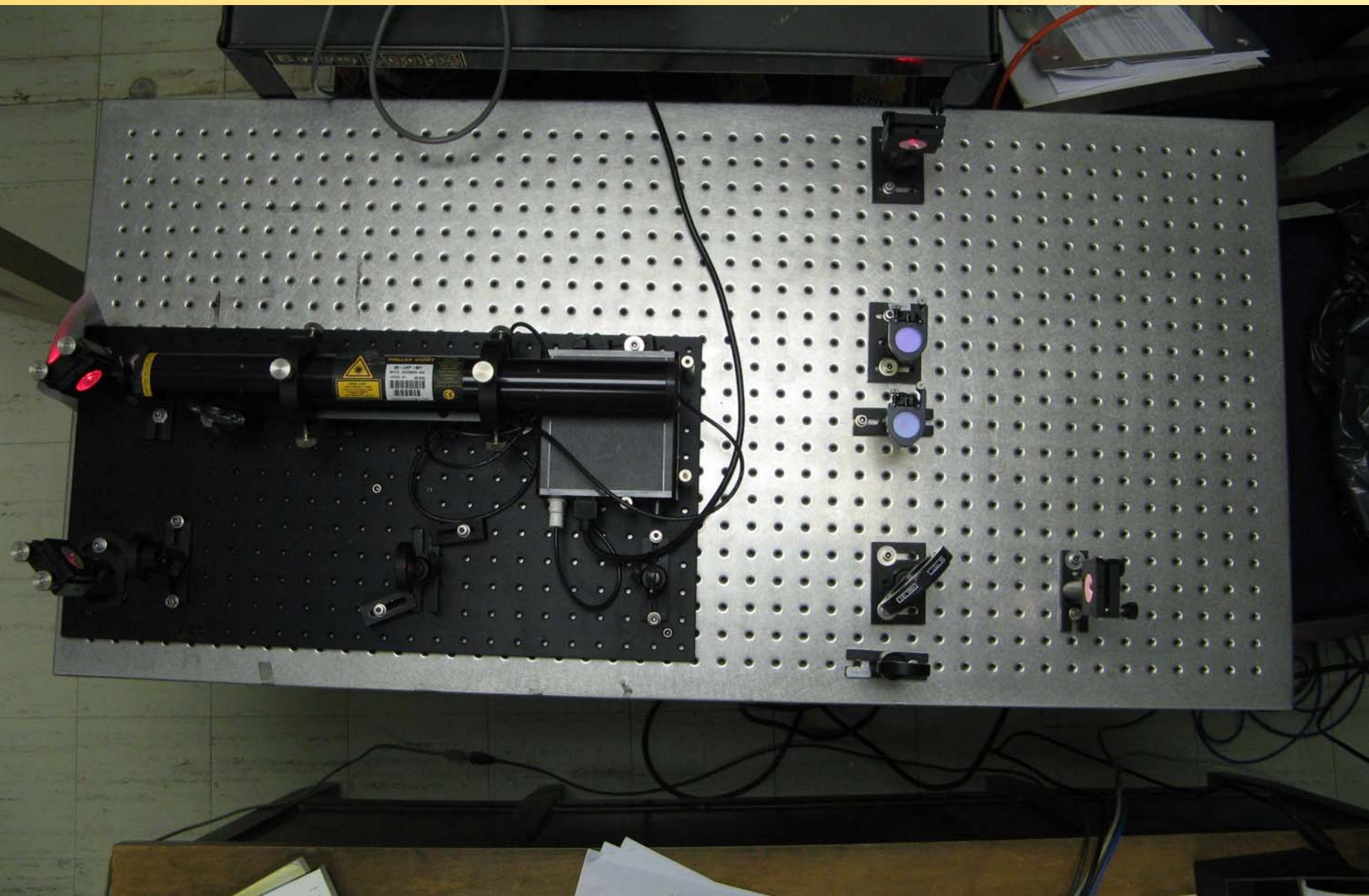
Spatial Coherence

Young's Double Slit Interferometer

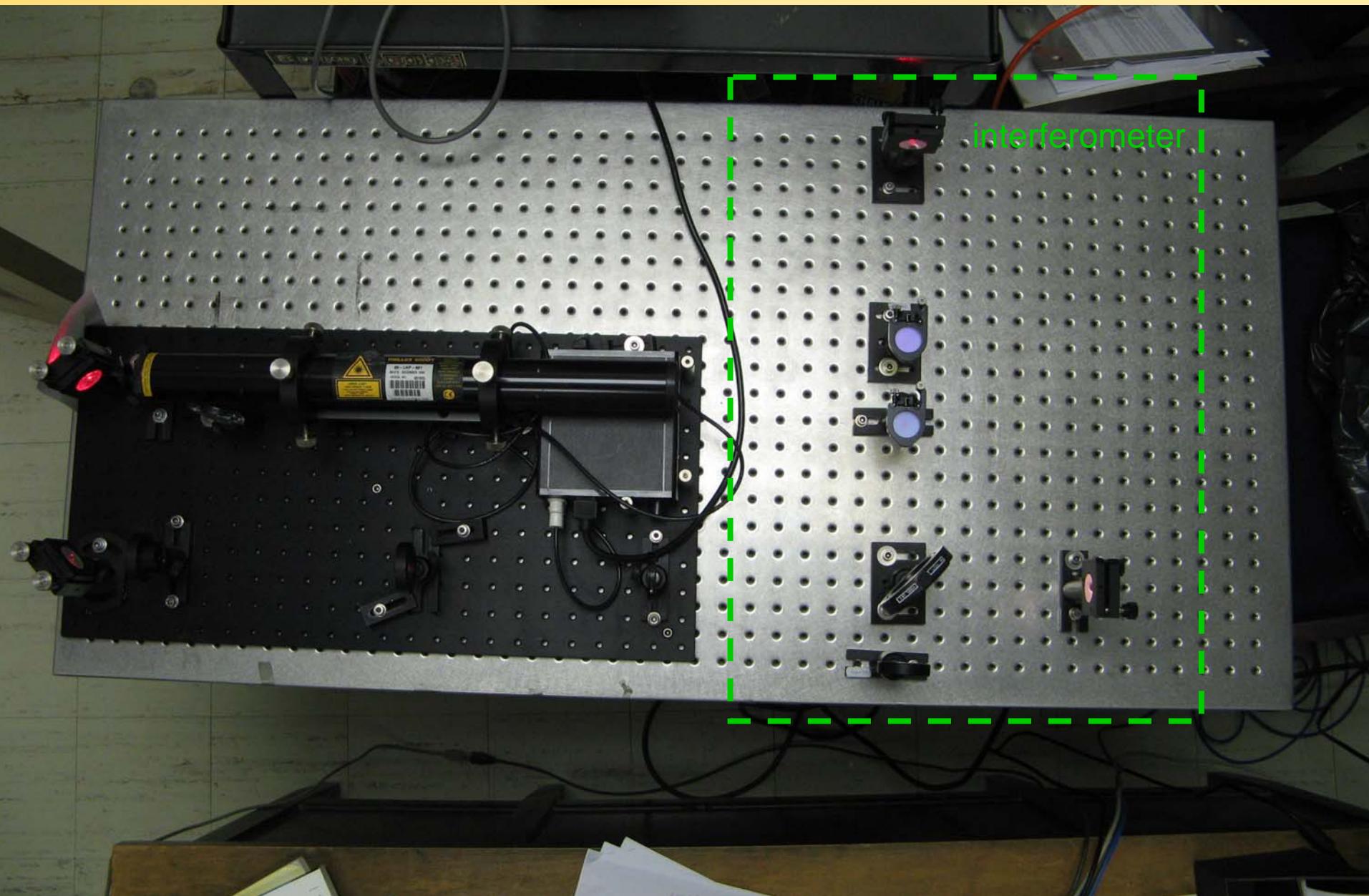


Light from different regions of wavefront interfere.

Michelson Interferometer



Michelson Interferometer



Michelson Interferometer

