





























Time









































































































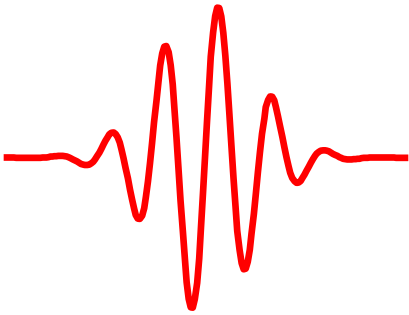














































































































































































































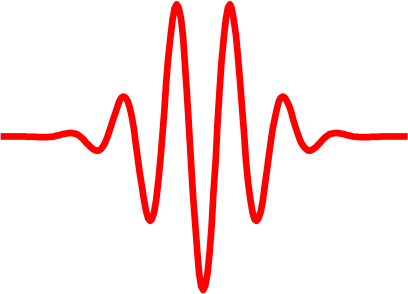


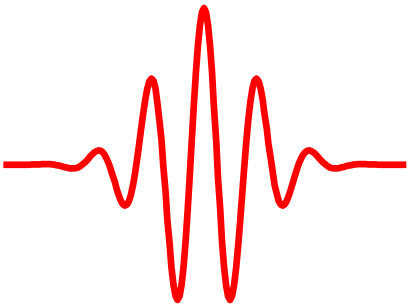
































2x PRASENIT











Prisnit



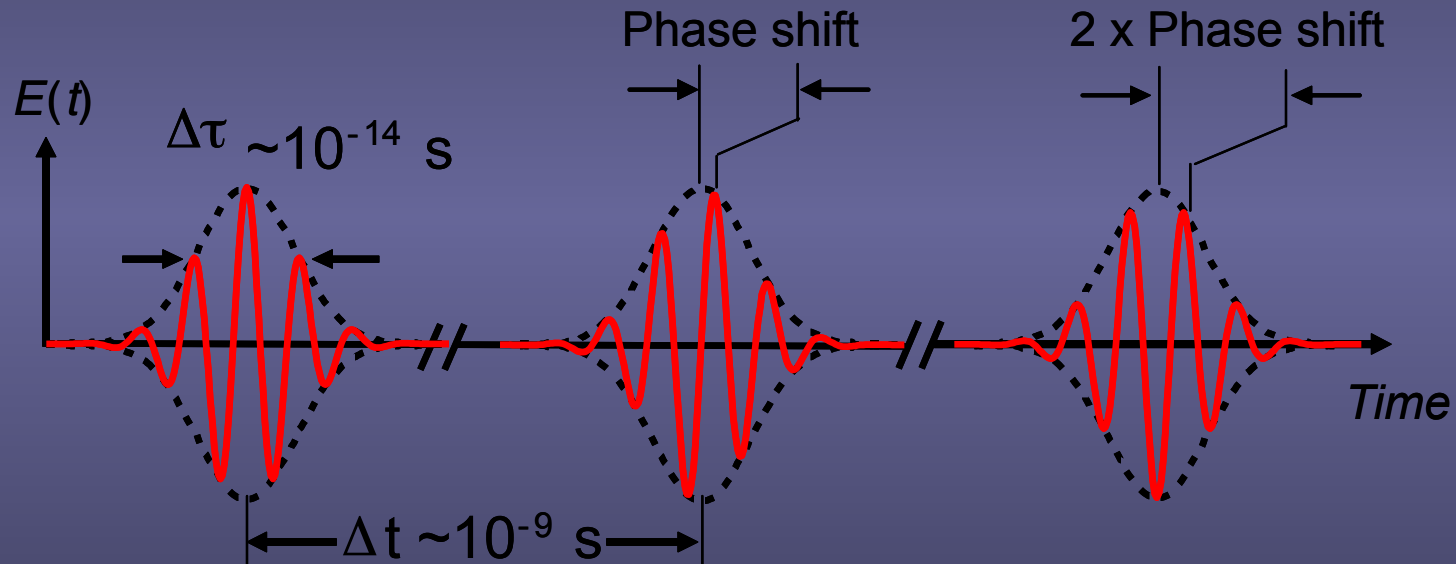






How do we make a frequency comb?

- The comb is produced by a series of ultrashort pulses



- Phase coherence of the pulses leads to interference and the generation of an optical frequency comb.
- Pulses are produced by a modelocked laser

1. Why do we study atoms?
2. What is atomic spectroscopy?
3. What is a frequency comb?
4. Why Potassium?
5. What have I done this summer?