

Chapter 28: Interference and diffraction

What is light:

1. What is light part I: <https://www.youtube.com/watch?v=luv6hY6zsd0&t=6s> (7.5 min)
2. What is light part II: <https://www.youtube.com/watch?v=GzbKb59my3U> (6 min)
3. Superposition of waves: <https://www.youtube.com/watch?v=LgJStYrk2fc> (4 min)
4. Interference of Waves: <https://www.youtube.com/watch?v=CAe3IkYnKt8> (4 min)
5. Diffraction of Light: <https://www.youtube.com/watch?v=-mNQW5OShMA> (2:17 min)
6. Diffraction of Light: <https://www.youtube.com/watch?v=GgfKdVFfM28> (1:32 min)
7. Diffraction of light: <https://www.youtube.com/watch?v=ipl18m5AxqI> (9 min)
8. Single Slit Diffraction: <https://www.youtube.com/watch?v=NazBRcMDOOo> (17.2 min)
9. Young's double Slit: https://www.youtube.com/watch?v=MDX3qb_BMs4 (5:20 min)

Wave – Duality: Show FIRST

1. <https://www.youtube.com/watch?v=zKdoE1vX7k4> (5 min)
2. https://www.youtube.com/watch?v=U_6WVGSt7jk (5 min)
- 3.
- 4.
5. <https://www.youtube.com/watch?v=iWZDVWdtjMY> (45 min MIT) show only after covering photo electric effect.
- 6.