

February 10, 2023
MSE 2101 topics

- First test date: _____
- ... and then there was light!
- Four fundamental forces in nature
- Rømer's observations of Jupiter's moons
 - a failure of Kepler's third law?
 - finite speed of light?
- Speed of light in vacuum, in a medium
- So what *is* light anyway?
 - is it a wave?
 - is it a particle?
 - is it... both?
- Maxwell's equivalence of electricity and magnetism
- The relationship between wavelength, frequency and speed
- The electromagnetic spectrum