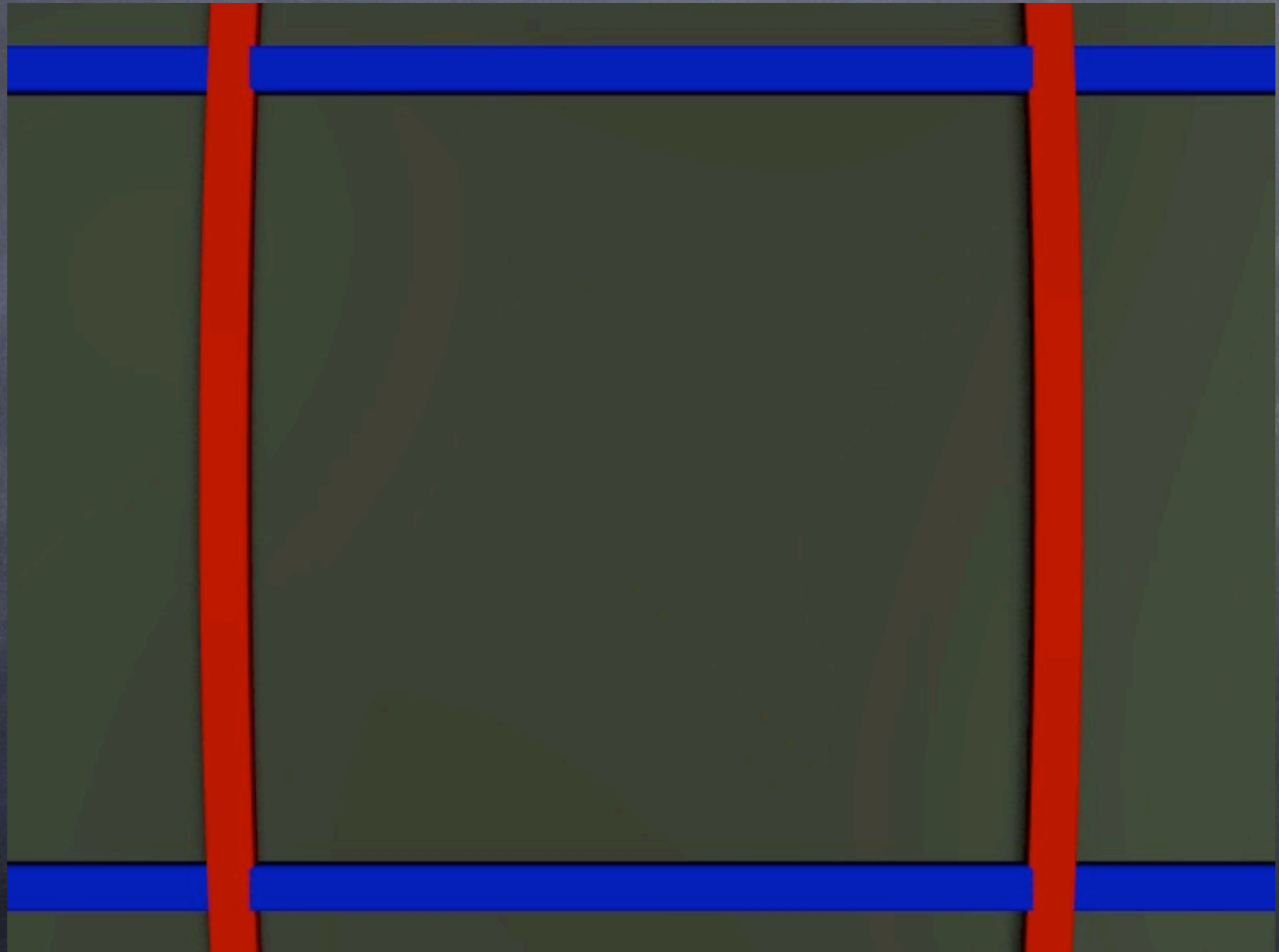


Chapter 2: Curled-up Dimensions

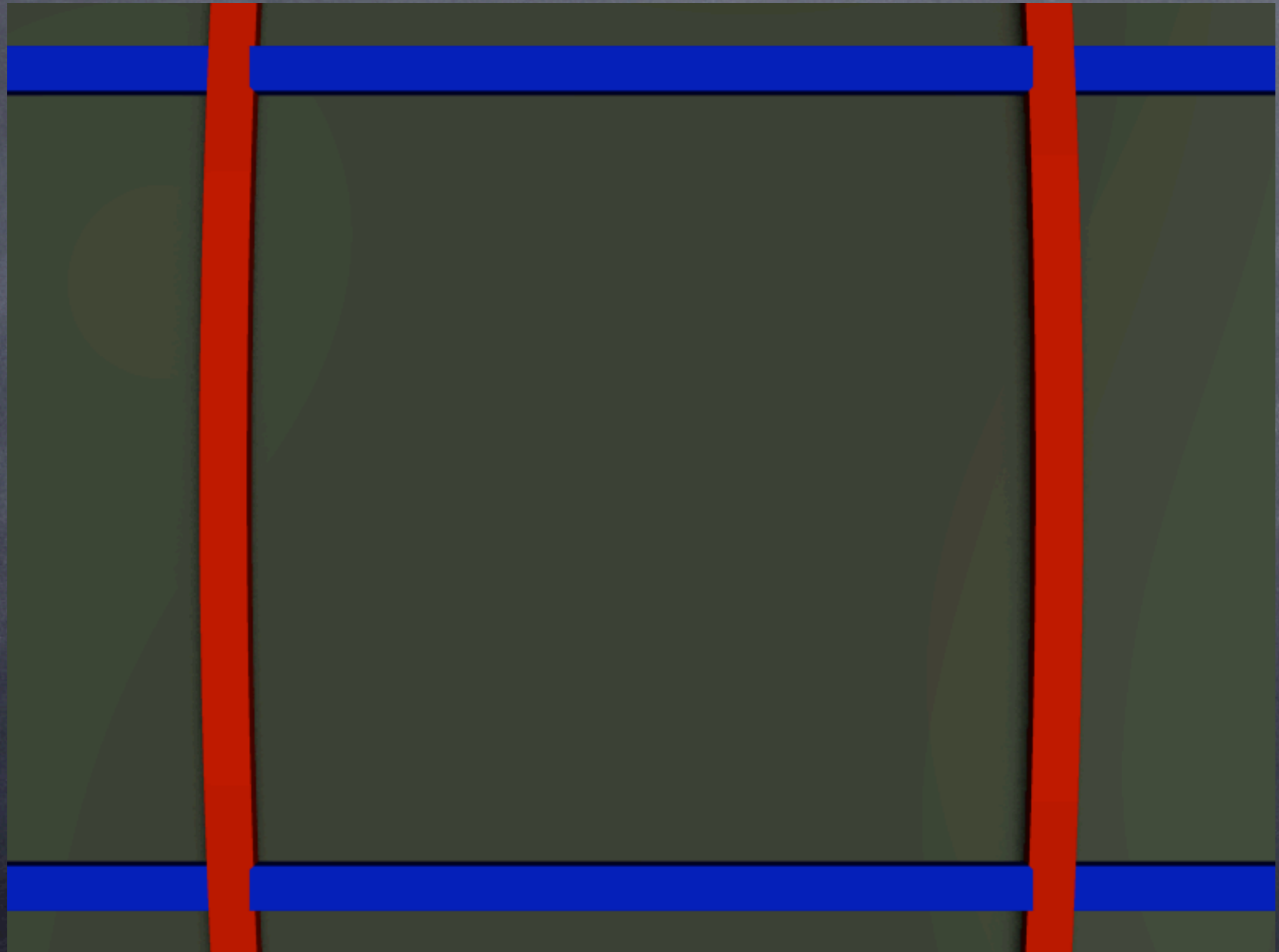
Kaluza-Klein



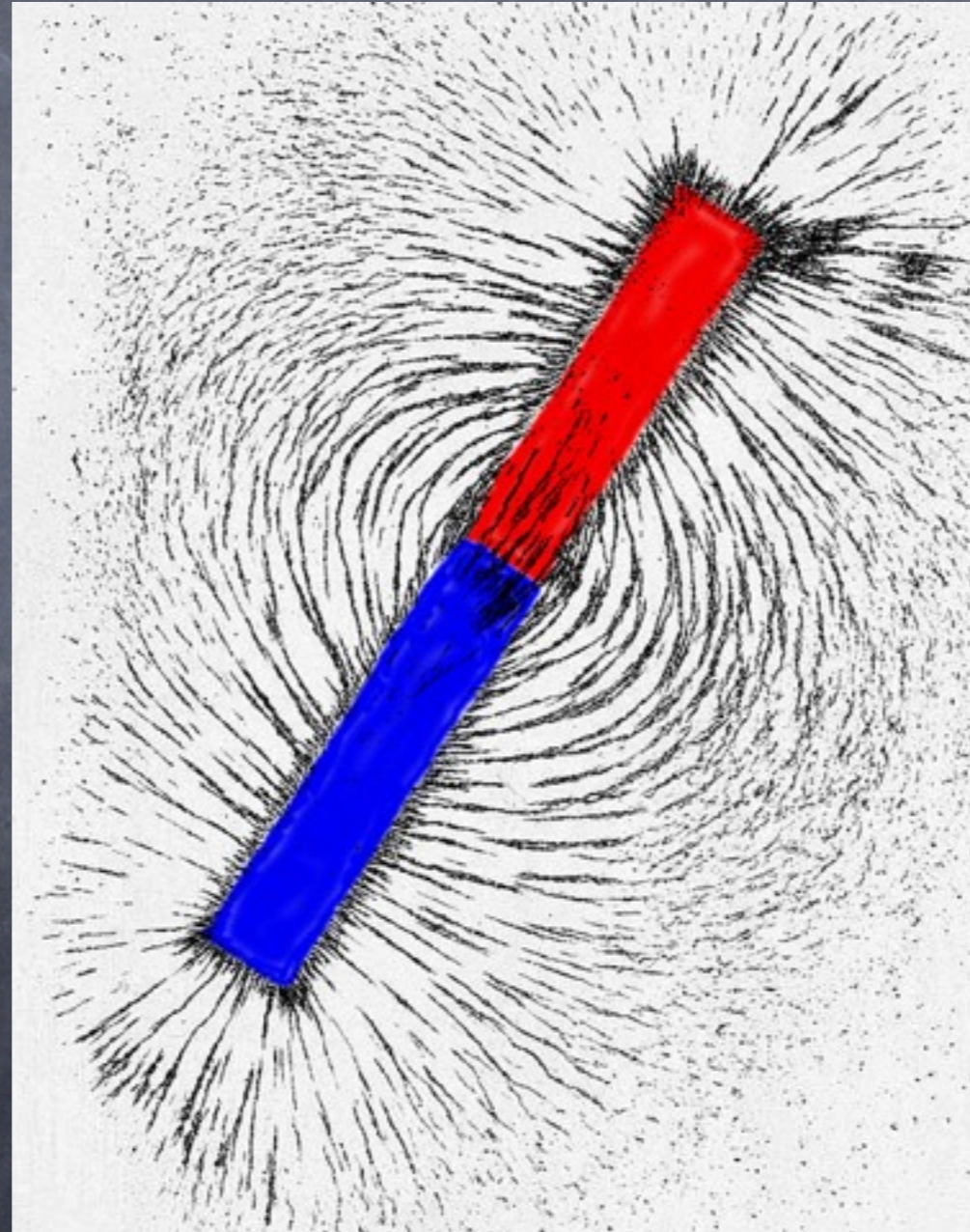
A Small Extra Dimension



A Small Extra Dimension



Electro-Magnetic Field



Light Waves

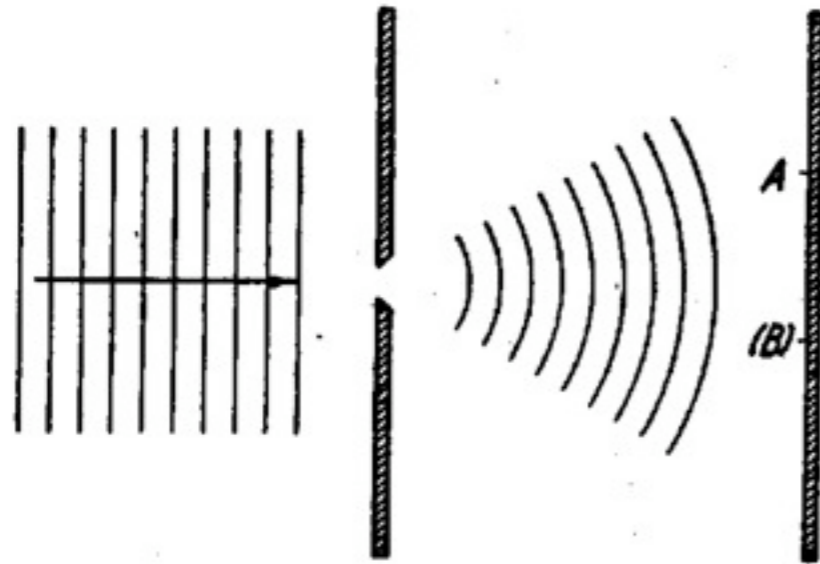
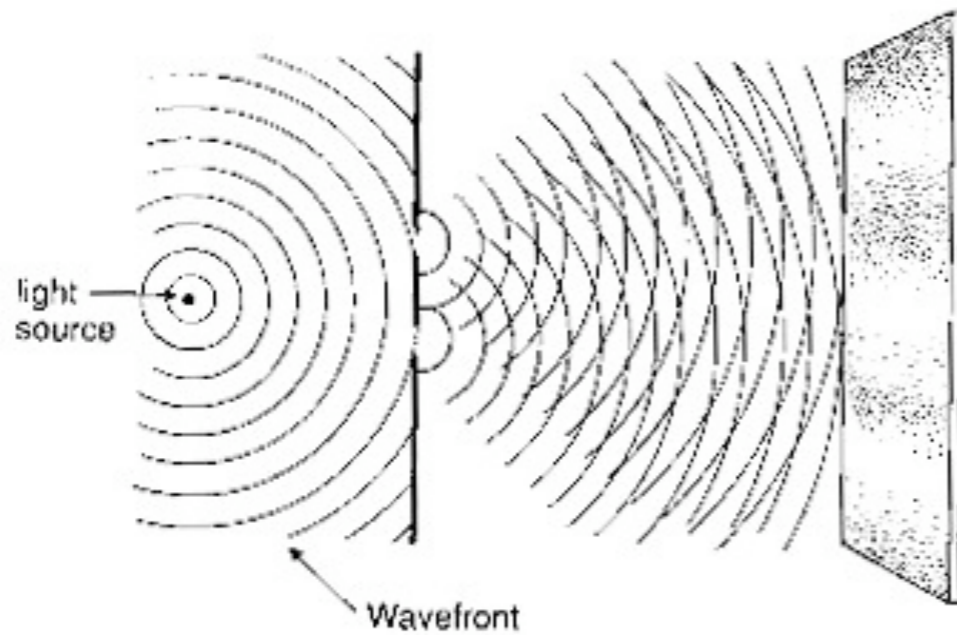
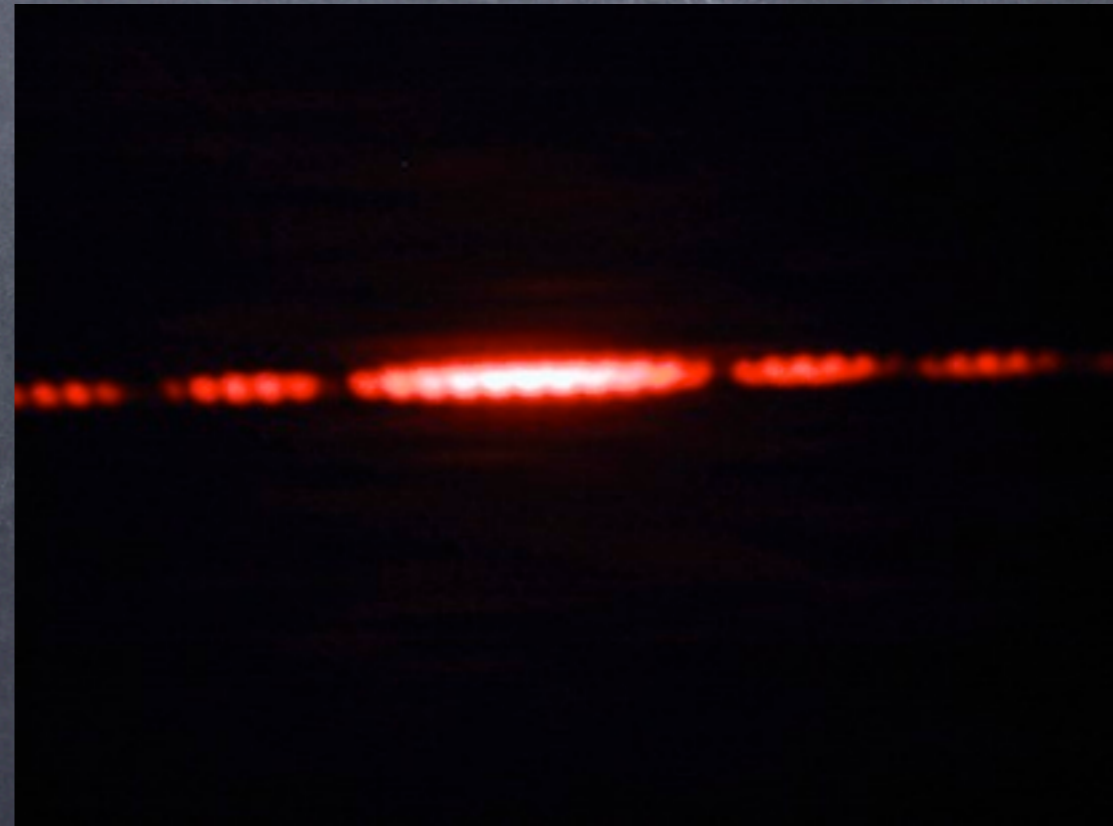
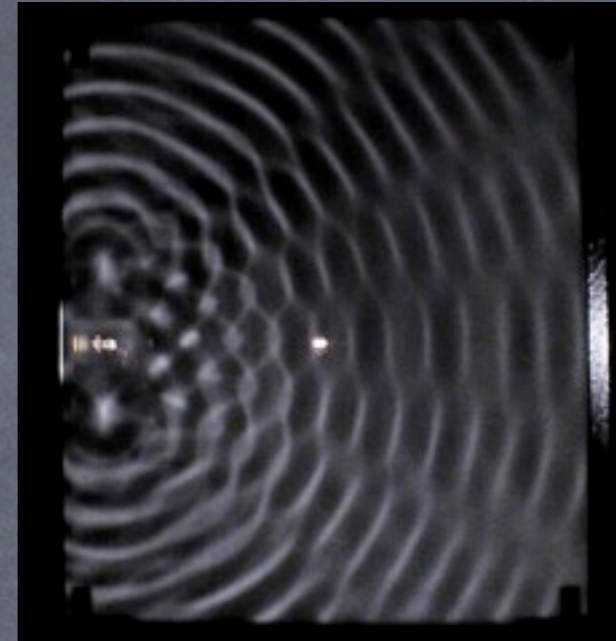


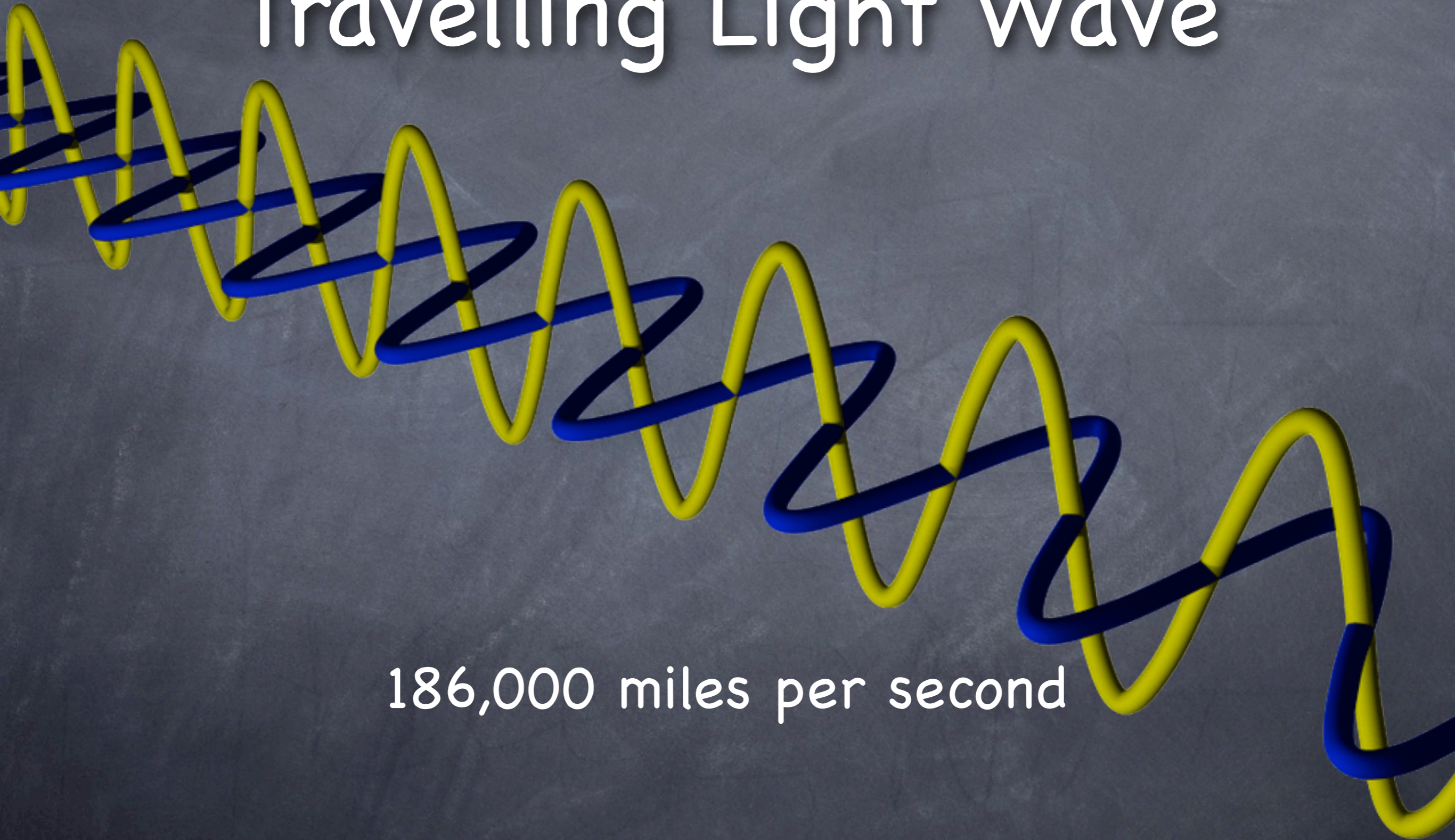
FIG. 1



Light interference in a double-slit apparatus.

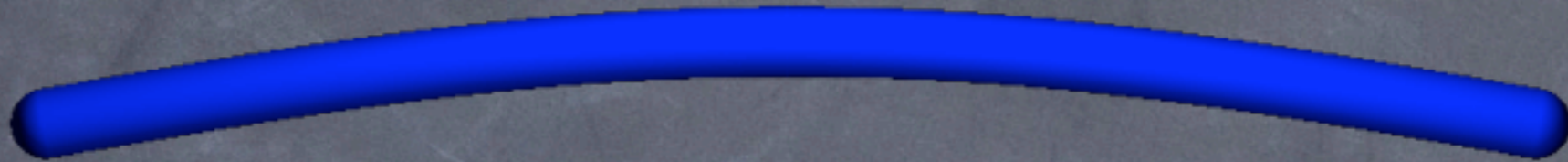


Travelling Light Wave

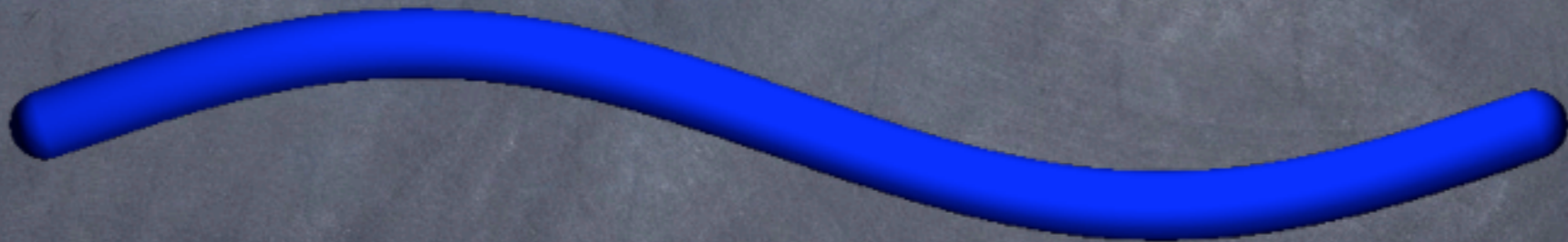
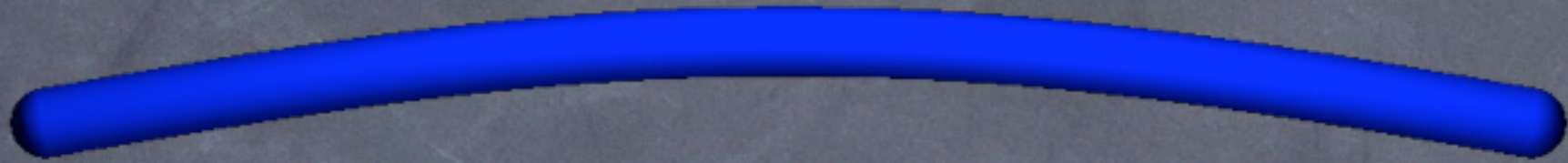


186,000 miles per second

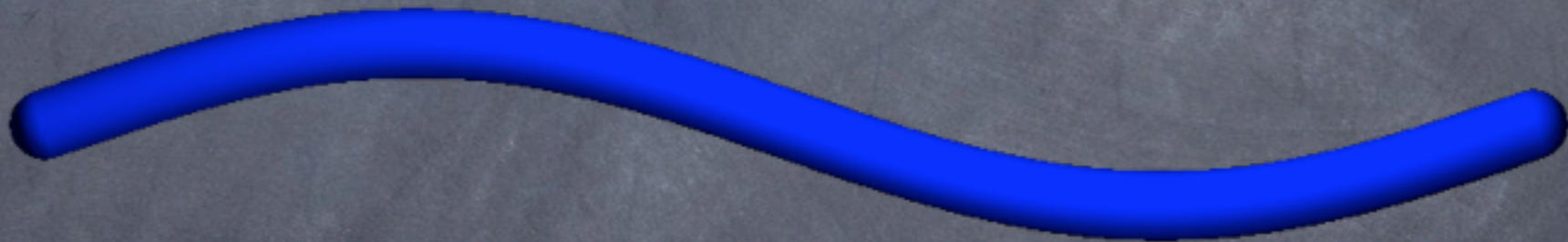
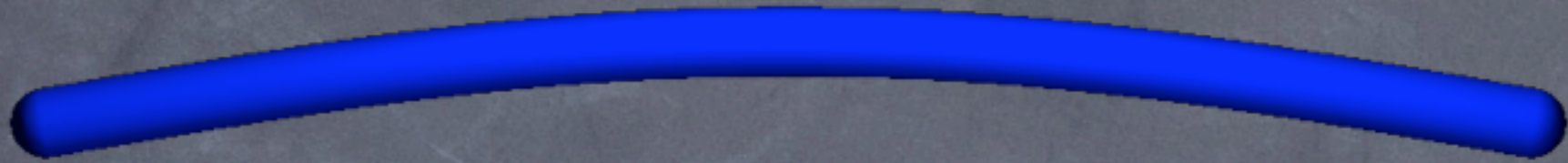
Standing Waves



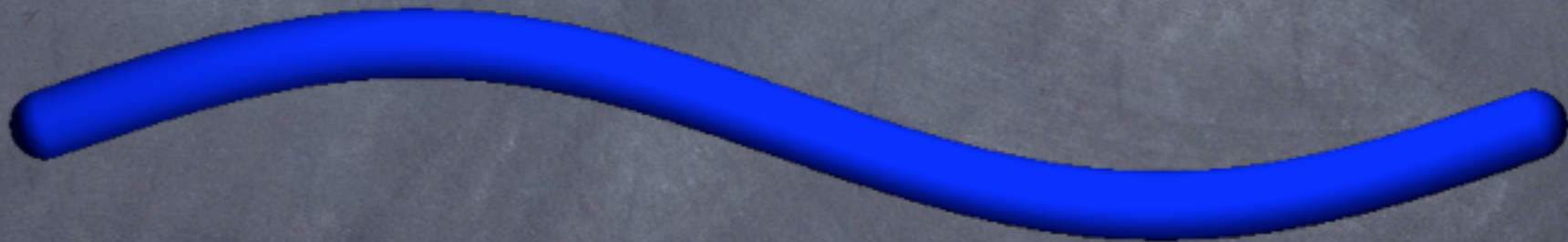
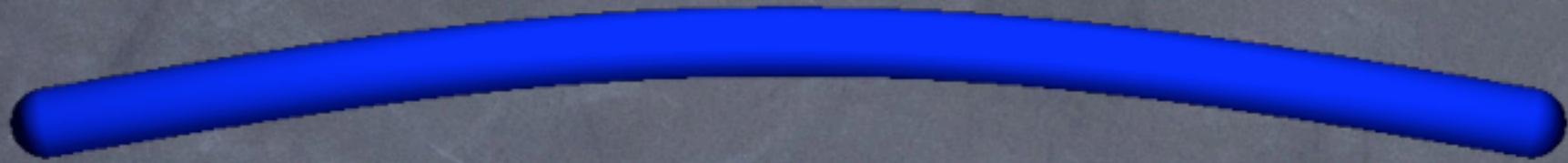
Standing Waves



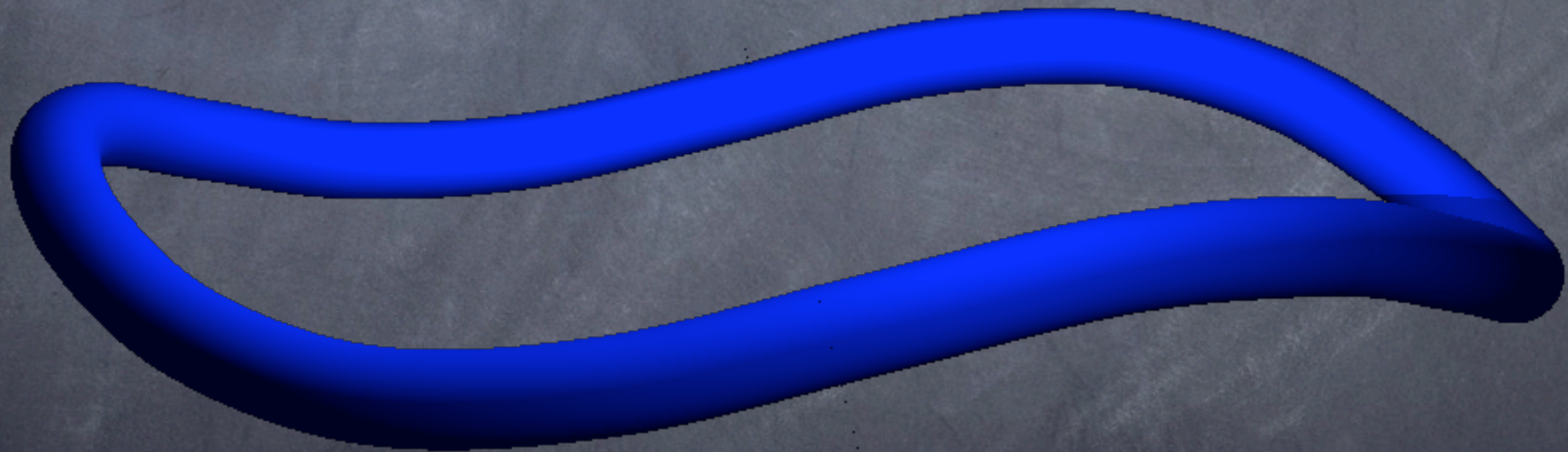
Standing Waves



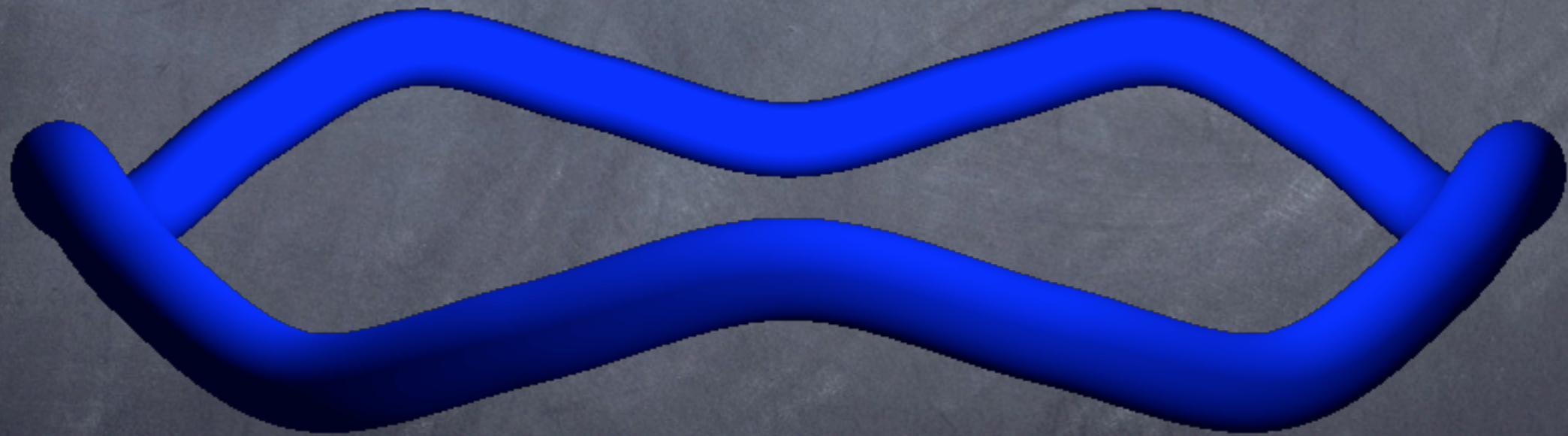
Standing Waves



Standing Kaluza-Klein Wave



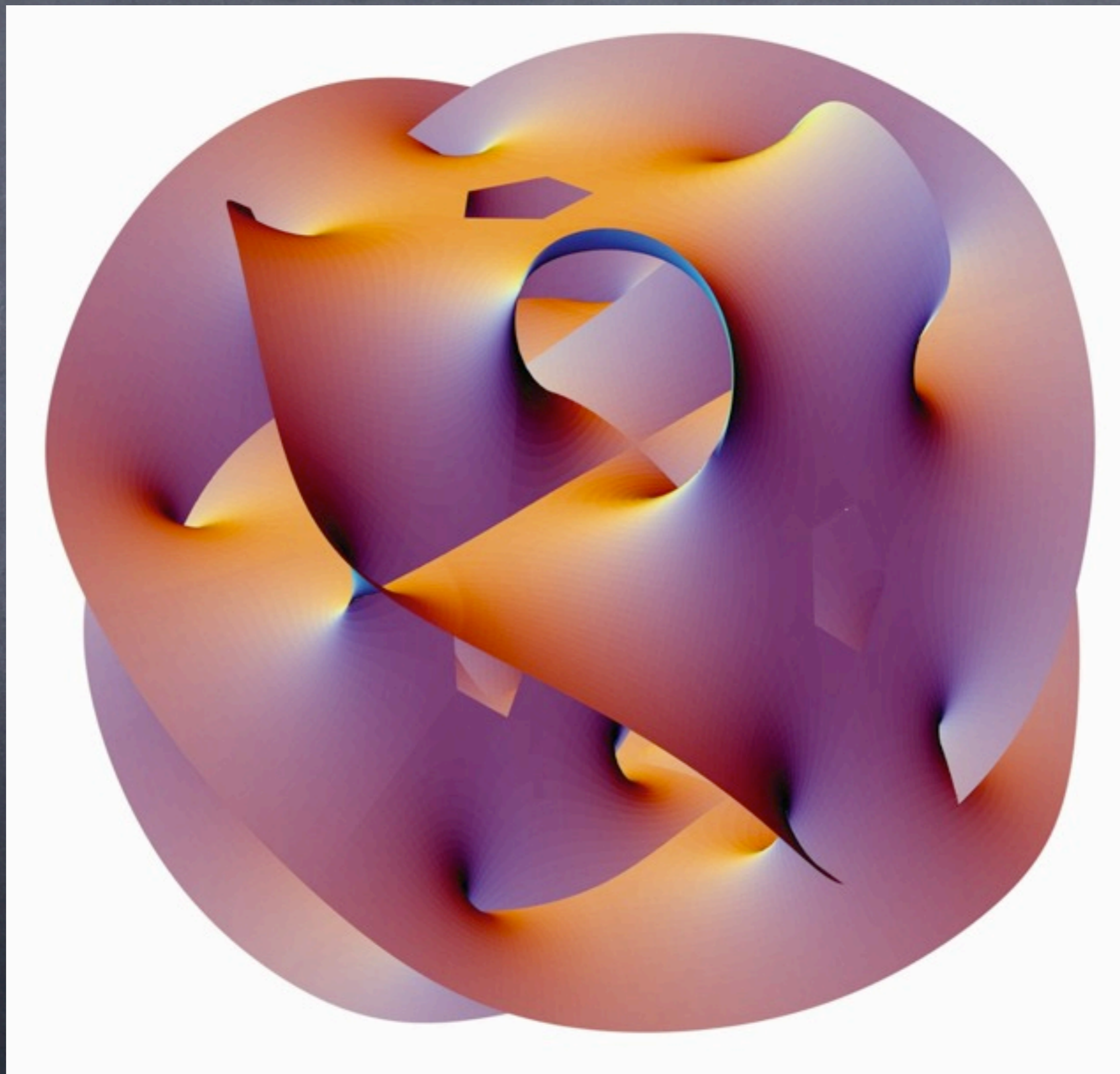
Standing Kaluza-Klein Wave



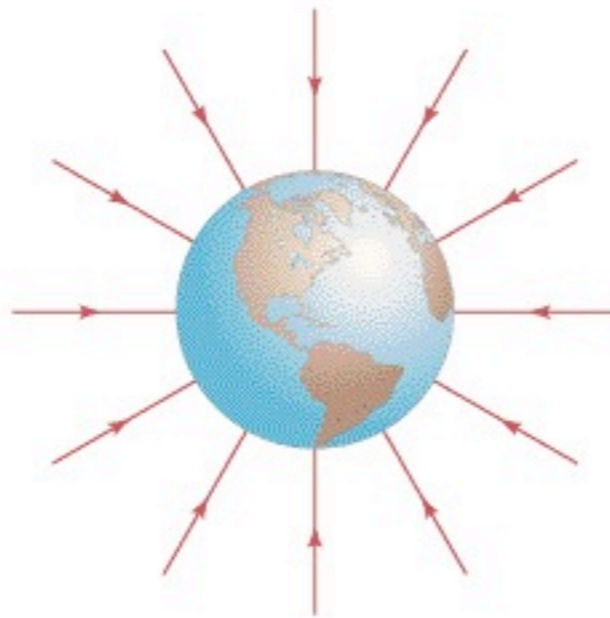
Where is the Extra Dimension?



Calabi-Yau



Gravitational Field



Gravitational Field

