

Electrostatics

Physics Honors 2020/21

The four fundamental forces of Nature's

Starting with the strongest and what do they do

Strong nuclear force attracts protons and neutrons, holds nucleus together

Electrostatic attracts electrons to positive nucleus - magnetism - light

Weak nuclear Radioactive decay

Gravity Holds big stuff together like solar systems

Why don't the positive protons in a nucleus repel one another?

They would except the strong force between the protons and neutrons is larger.